

TECH-ART RECORD



A. C. Fleming

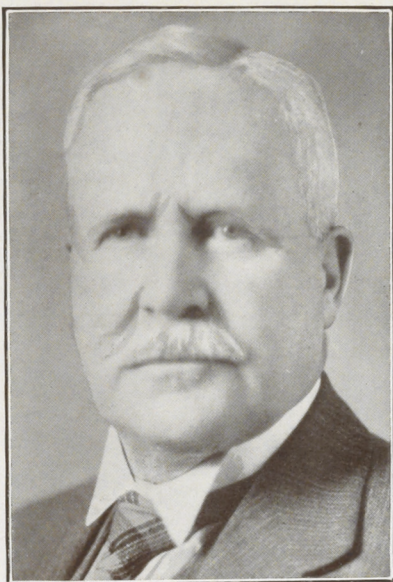
TECH-ART RECORD

— OFFICIAL STUDENTS' YEAR BOOK OF THE —
PROVINCIAL INSTITUTE OF TECHNOLOGY AND ART

A. C. Fleming

Volume 9 - 1938-39

CALGARY, Alberta



DEDICATION

AS a token of the esteem in which he is held by the Staff and Students of this Institute, and in appreciation of his long and faithful service in the field of Technical Education in Canada, this volume is dedicated to

Lindley Henry Bennett

AN APPRECIATION

By JAMES FOWLER

THE time was July, 1916. The place was a large boulder in front of Athabasca Hall on the campus of the University of Alberta. Seated on the boulder and basking in the cheering rays of the Alberta sun was a man in the prime of life. He had auburn hair, a reddish moustache with sharp waxed points, and a fresh rosy complexion. His countenance showed poise, intelligence, friendliness. The crow's feet at the corners of his eyes indicated a readiness to laughter. When he removed his pipe his whimsical mouth seemed equally ready to utter some deep philosophical truth or some devastating pun. The constant use of his hands to supplement his conversation conveyed the impression of energy, mobility, dynamic, and capacity for work. Such was Lindley H. Bennett as I first met him. Long years of intimate daily association have only served to increase the high regard in which I early learned to hold him.

Mr. Bennett is probably the most cultured and versatile member of the Institute Staff, for only to a few individuals is given the capacity to become so proficient in such a variety of activities. During a long professional career he has remained a keen student and a ready learner, yet withal he has been an outstanding teacher and has shown a remarkable ability to adapt his knowledge and experience to changing conditions in the educational field. This ability to adapt

himself to new situations and to keep abreast of the times probably accounts for Mr. Bennett's continued buoyancy of disposition and his freshness of outlook. As a teacher he is unique in being equally at home in the shop and in the classroom. His teaching is brilliant whether the subject be English, Woodworking, Pedagogy, Architecture, Drafting, Carving, Modelling, Art Appreciation, or many others. Fortunate indeed are the thousands of students who have been privileged to sit at his feet. From the experience of a full and abundant life Mr. Bennett brings to the classroom a warmth of human sympathy and understanding that is rare indeed. In addition he has been the guide, philosopher, and friend of countless teachers across the Dominion, so that it would be difficult to estimate the beneficial influence he has exerted on the development of practical education in Canada.

Now his forty year term of enlistment in the service of Canada draws near its close. Soon will come the time for his release from the domination of time-tables and the insistence of class bells. But his wit, wisdom and whimsicality remain undiminished. He is just going to start to do the many things which for years he has *wanted* to do. We, his friends, his ex-students whose name is legion, wish him long years of health and happiness. To future generations of Tech. students we shall say: "No. You wouldn't remember Mr. Bennett. What a pity. You don't know what you've missed."

MESSAGE FROM THE MINISTER OF EDUCATION



IT is with much pleasure that I send this message for insertion in the Tech-Art Record.

I do not know of any group that I would rather address than the student body of our Institute of Technology—those young men and women, who are preparing themselves for the battle of life. Having left behind the more or less carefree days of public school, they are now in a position to appreciate the toil and sacrifice of the generation before them, and with the determination characteristic of our Western pioneers, are going to carry the torch forward. We older people may only see the Promised Land but we hope that you will enter into it.

I am expecting great things of Alberta in the years to come. How much of that greatness will be contributed by our technical school students, even history can only tell in part, but this we do know,—that there is no effort for the welfare of our neighbors or ourselves that is ever wasted. It is the accumulated efforts for the better things of life of the generations before us that has made the world of the present a better place in which to live.

Those who are graduating this year, particularly, may find some comfort in the foregoing when they find positions requiring their training hard to obtain, but who can tell what tomorrow will bring. So be of good cheer and continue to do your best to reach that goal worthy of your talents.

WILLIAM ABERHART,
Premier and Minister of Education.

A MESSAGE FROM THE PRINCIPAL



IT will be seventeen years since the Institute of Technology and Art began its occupancy of the present building, and it is more than fifteen years since my personal contact began.

During this period the Institute has had an interesting growth which reached its peak during that wonderful year of 1929 when more than 2,000 persons received service. In the years following and to the present the personnel service maintained a fairly even keel, the up-swing setting in again during 1938.

The current year is one of the best in the history of the school. The Institute has made for itself a permanent place in the educational life of the province catering as it does to the requirements of young people preparing to enter practical tool-using careers. Nearly 75 per cent of the enrolment in the regular day classes register their homes as from outside Calgary. The average age of the students is 21 years and the average school grading on entering is Grade X. There has been an increasing number during the past few years coming in with a full Grade XII.

One of the outstanding features of this school is the cordial relationship among its personnel both staff and students. Of this I am very proud in that it establishes a most favorable atmosphere most conducive to growth. The spirit of co-operation is of the highest and the way in which the students participate in the extra-curricular activities is to be highly commended. This spirit makes a good students' association, a good orchestra, a good dramatic club, a good choral society, a good hockey team, a good ball league, a good year book, a good Iota club, a good banquet, a good field day, and a good school life.

I am particularly jealous that this place offers only the best, that a high standard be maintained in all its interests and that anyone who attends its classes may say that it has been well to have been here.

I would like to thank members of the staff, and more particularly Mr. Fowler, for their splendid spirit of co-operation and would also like to include all students who have worked to make the year constructive.

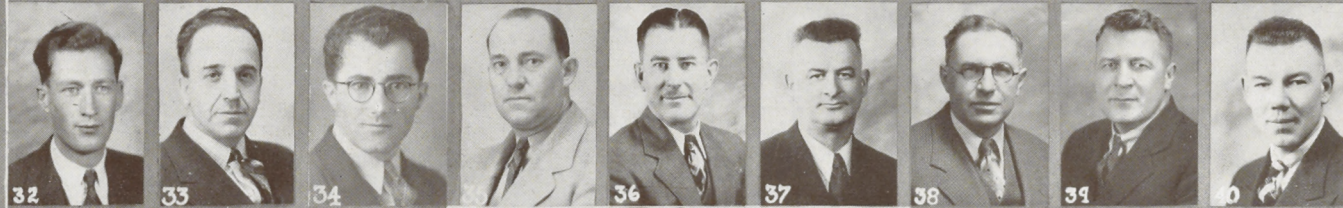
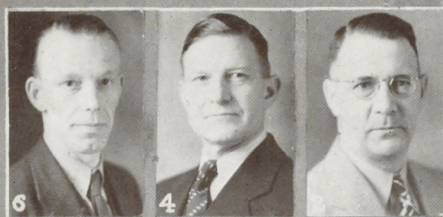
May I wish you all good and remunerative jobs, happy lives and the subtle satisfaction that comes from rendering some worthwhile service.

I would not close without congratulating the Year Book Staff on this successful issue of their strenuous endeavors.

W. G. CARPENTER,
Principal.

THE STAFF

1. DR. W. G. CARPENTER, B.A., LL.D.
Principal and Director of Technical Education for the Province of Alberta.
2. JAMES FOWLER, M.A., B.Sc., M.Coll.H.
Vice-Principal of the Institute, and Chief Instructor in Science.
3. L. H. BENNETT, M.R.A.I.C., M.R. San.I., F.Coll.H.
Director of Evening Classes, Chief Instructor in Building Construction and General Shop.
4. C. A. CHOATE, A.M.S.A.E.
Chief Instructor in Automobile Mechanics.
5. J. B. DE HART, M.Sc., P.E., M.E.I.C., M.C.I.M. & M.
Chief Instructor of Mining Correspondence Courses.
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Chief Instructor in Art.
7. T. A. HEDLEY, M.Coll.H., A.M.S.A.E.
Chief Instructor in Diesel Engines and Farm Mechanics.
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Instructor in Drafting.
9. A. A. PEEBLES, A.R.Ae.S.I., M.S.A.E.
Chief Instructor in Aeronautics.
10. F. N. RHODES, B.Sc., A.M.E.I.C.
Chief Instructor in Industrial Electricity.
11. MISS CLARA E. SMITH.
Chief Instructor in Industrial Dressmaking and Millinery.
12. E. W. WOOD.
Chief Instructor in Machine Shop.
13. F. G. YOUNG.
Instructor in Mathematics.
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Instructor in Radio.
15. L. C. BROWNING.
Instructor in Industrial Electricity.
16. S. A. NELSON.
Instructor in Industrial Electricity.
17. A. C. WAGNER.
Instructor in Automotive Electricity.
18. S. SIMONS.
Instructor in Automotive Mechanics.
19. F. B. WYNNE.
Instructor in Automobile Mechanics.
20. W. R. ABBIS.
Instructor in Automotive Electricity.
21. S. N. GREEN, Air Eng., A.B.C.D. (All types).
Instructor in Aeronautics.
22. W. E. JAMISON.
Instructor in Aeronautics.
23. MISS A. VEENENDAAL.
Instructor in Industrial Dressmaking and Millinery.
24. MISS A. E. CLARKE.
Instructor in Millinery.
25. MISS M. E. MOSEY.
Instructor in Industrial Dressmaking and Millinery.
26. MRS. J. M. WHIDDEN, B.A., B.Educ.
Instructor in Foods and Nutrition.
27. MISS M. MacKAY.
Instructor in Art.
28. MRS. J. BENSON.
Instructor in Weaving.
29. W. A. ADAM.
Instructor in Art.
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Instructor in Aeronautics.
31. N. SAFRAN, B.Sc., M.Sc.
Instructor in Science and English.
32. R. E. BYRON, B.Sc.
Instructor in General Shop and English.
33. R. C. EASTERBROOK.
Instructor in Tractors.
34. S. HRUDEY.
Instructor in Farm Mechanics.
35. F. STOTHARD.
Instructor in Diesel Engines.
36. H. G. GOLD.
Instructor in Welding.
37. B. HUMMEL.
Instructor in Forge Shop.
38. L. E. HARRIS, A.L.S., D.L.S.
Instructor in Survey Drafting.
39. F. STURDY.
Instructor in Tractors.
40. J. TOMLINSON.
Instructor in Farm Mechanics.
41. D. HOLMES.
Storekeeper.
42. T. MILTON.
Chief Caretaker.
43. M. O. JULSON.
Laboratory Assistant.
44. MISS M. McKENNA.
Stenographer.
45. MISS IVY SINCLAIR.
Secretary.
46. MISS E. M. DOWKES.
Stenographer in the Correspondence Department.



THE STAFF



Editorial

THE ROYAL VISIT

LOVE of home; love of family; love of Country — these attributes are typical of the British. The simple, homely virtues have for us the strongest appeal. This fact must in some measure explain the genuine enthusiasm with which Canada prepares for the Royal Visit.

The two Princesses, Elizabeth and Margaret Rose, have long since captivated the love of the English people. Little wonder then that Canada is sparing no effort or expense to provide each school child with an opportunity of seeing Their Majesties — the parents of these popular children. From Atlantic to Pacific the Dominion will resound with the cheers of children's voices. There is no home-loving monarch but whose heart must warm to the genuineness and spontaneity of such a tribute.

Despite its simplicity, Canada's welcome will not lack in pageantry, dignity, patriotism and respect — the traditional dues of Royalty. We grasp this opportunity of demonstrating to the world that we feel that a Constitutional Monarchy is still a desirable, fair and efficient form of government.

Of special note to Canadians is the meeting of Privy Councillors over which the King will preside while in Ottawa. It is not as King of England, or King of the British Empire, but as King of Canada that this meeting is called. It reaffirms the Statute of Westminster. It acknowledges, once again, Canada, the Nation — a nation in a "galaxy of nations."

To us this tribute to Their Majesties is not meaningless flag-waving, hollow sham, no pretense or hypocrisy. The King is the symbol of unity among British nations. This visit will serve to weld more firmly the link which binds, in a common cause, the British democracies.

It is hoped that this visit will be a living memory in the minds of Canadians long after our beloved monarchs have returned to their native isle; that it will demonstrate to the world that there are traditions, rights, and privileges which we will never willingly relinquish; that it will be recalled each time we rise to stand at attention during the solemn and dignified strains of, "God Save The King."



THE COVER

WE hope that the cover design will please the students. Changes have been made to mark this issue as a memento of the Royal Visit. We feel that it reflects credit on the designer, Harold Cassan, and on the Art Department of the Institute.

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PAGING YOUTH

"YOUTH, YOU ARE CHALLENGED."

IN a few months many of us will be leaving this Institute for the last time. We will be going out to face the world — a hostile world. Our success or failure will depend entirely on the attitude with which we meet our difficulties. If it is with fear, defeatism, helplessness, or indifference, we are foredoomed to failure. These are the demons which will irresistibly force us into a stagnant backwater in the river of life. If we meet our problems with confidence and courage, the world is at our feet. Let us resolve to adopt a philosophy of life which is consistent with success.

There are those who would assert that great achievements require the sagacity, experience, and conservatism of age. A glance at history will suffice to refute this argument. Napoleon conquered Italy before his twenty-fifth birthday; Pitt the Younger, was Prime Minister of England at the age of twenty-four; Lord Byron composed his greatest works while in his early thirties; Raphael was considered a genius while still in his 'teens; Mozart was receiving the plaudits of the musical world when he was little more than a child. In every field — Literature, Art, Music, Industry, Commerce, Politics — youth has assumed a leading part.

Of the many who have achieved success in later life there are few who do not attribute their good fortune to the tenacity with which they held to youthful ambitions and ideals. They have held high the torch which was ignited in earlier years and it has helped them to bring their every endeavour to successful fruition.

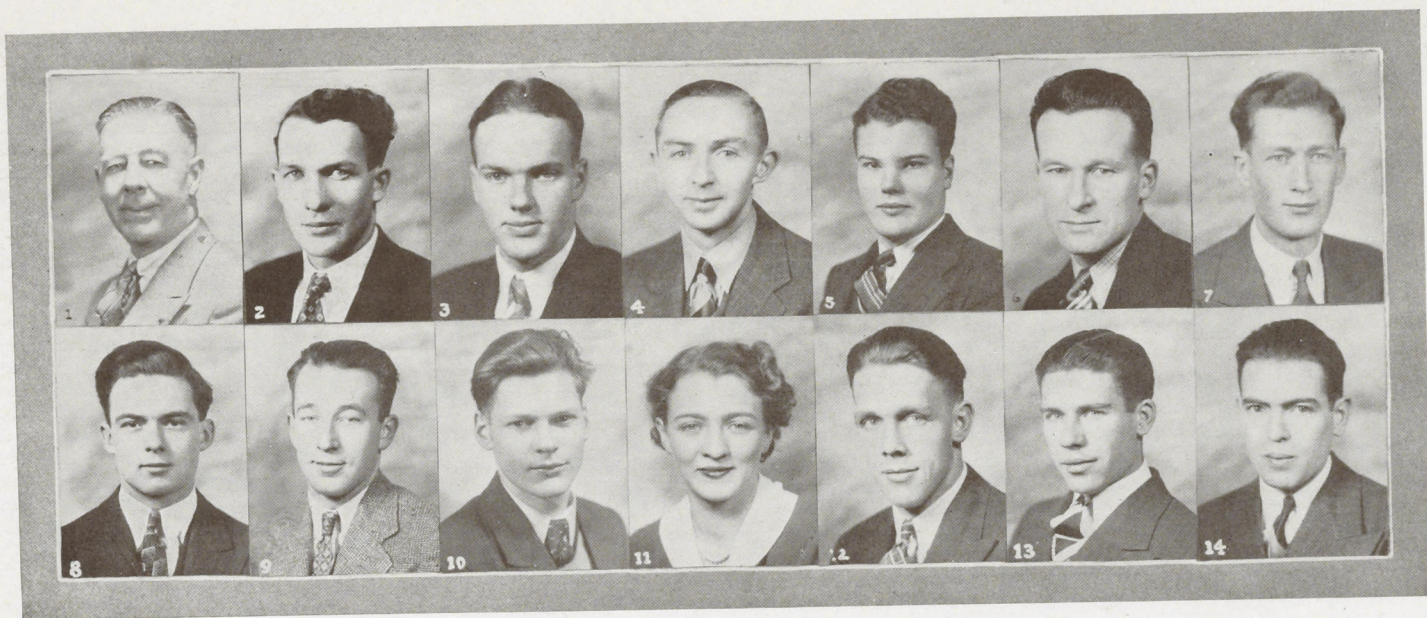
In the last decade words have been recklessly squandered in describing the problems of the time. Out of this melee one irrevocable fact stands clear — we must pin our hopes for the future on an intelligent, unbiased, unfettered youth. It remains with us to build a just, happy, contented world over the ruins of the past. The problems are ours — we must face it.

The first requisite in the accomplishment of this task is trained men. It is the function of this Institute to provide at least the initial steps of this training. The importance of an institution of this kind must be judged by the character of the individuals who pass through its doors. It is our duty to justify the existence of technical schools by displaying leadership in the fields which we have chosen.

While we have not the experience of our elders it would be folly to ignore it. The value of history is that it teaches us the lessons of the past in order that we may apply them to the problems of today. Progress demands that we profit by the mistakes of our predecessors.

Henry Ford once said, "A man is old when he can learn nothing new." Let us take a lesson from these words and "follow after knowledge like a sinking star" and thereby "drink from the fountain of perpetual youth."

THE "TECH-ART RECORD" STAFF



EDITORIAL STAFF—4. Walter Barry, Editor-in-Chief. 5. Roy Leadbeater, Associate Editor. 6. Harold Cassan, Art Editor. 11. Helen Mudie, Women's Editor. 9. Bill McCallum, Literary Editor. 10. Hans Anderson, Social Editor. 12. Henry Verkerk, Sports Editor. 13. Norman Ring, Photography. 7. Mr. R. E. Byron, Staff Representative.

BUSINESS STAFF—3. George Le Drew, Business Manager. 2. Graeme Howarth, Circulation Manager. 8. Mark Byrne, Advertising Manager. 14. Bill Sparling, Stenographer. A. Mr. A. A. Peebles, Staff Representative.

UF the many duties part and parcel of a Staff Representatives functions, paying tribute to the creators of the Tech-Art Record is the most pleasurable one. They have labored faithfully and well for the Students' Association.

Times without number the Editor would have traded his heritage for a pair of roller-skates; again and again the Business Manager would have given his all for a scooter. Shoes wore out, tempers reached the boiling point, a harassed year book staff suffered myriad ills, from influenza to fallen arches. But still the work went on. At last the Record comes to the point of completion. This is the crowning effort of their year, the royal visit of Achievement.

The distinguishing mark of the polished performer is his ease and facility of execution, revealing little of years of painstaking and tedious study and practice. Likewise, the harmonious sequence of these pages little reveals the hours of labor, the time stolen from classes and leisure required to bring to fruition this year book. Preparing specifications, awarding contracts, selecting papers, designs and layouts, budgeting, and the other multitudinous tasks of publishing have been the experience of the staff. Arranging for the photographs and biographies of students, photographing and describing a hundred and one student activities have been major undertakings in themselves. The soliciting of advertising, the canvassing of prospective purchasers, have been wearisome time-consuming jobs.

The following students have given generously of their time and energy in soliciting advertising and in selling the year book: D. Laycock; C. Horne; Eleanor Williamson; Joyce Watts; N. Houghton; J. Tuskey; G. Smith; Margaret Woody; Peggy Caswell; Thelma Rollag; J. Kelly; H. Rodgers; G. Woods; C. McNeil; L. Northey; J. Wight; R. Larsen; A. Stevinson; R. Filipkowski; W. Caskey; R. States; G. Rowley; A. Leuhr; J. Whitham; R. Thomas. But for their labors the publication of this record would be financially impossible.

For their assistance in office work, in lay-out and make-up of pages, much credit is due to the following: J. Wight; J. Bundy; Peggy Caswell; Joyce Watts; Dixie Hogarth; Frances Vincent; S. Perrott; Maisie Dean; Constance Boese.

For their advice and consideration thanks must be tendered to Mr. J. D. McAra, printer of the year book; to Mr. Bradford, of the Hicks Engraving Co.; to the Mayfair Studios; and to Mr. William Shepherd, who took the flash pictures of the banquet.

To Mr. Peebles at the business helm of the enterprise goes the most sincere appreciation of the entire year book staff. But for his experience, and organizing, and directional skill, the task would have been well nigh insurmountable.

R. E. BYRON,
Staff Representative.

THE FALL TERM

THE activities of the Fall Term Executive Committee came to a successful close when Tryg Massing was elected President.

During the Fall all branches of the student activities were well attended. The members in charge of the different branches are to be congratulated for the splendid results which they achieved. The Social Chairman, R. Bennett, had a neat balance to swell the students' funds even after several donations had been made to charitable institutions. Keen interest was shown in the inter-class basketball and hockey as arranged by the Sports Chairman, W. Downey. S. Morton, Literary Chairman, was successful in arranging pleasing Lits. as was evidenced by the large crowds that turned out every Wednesday afternoon. In particular, credit is due to Miss M. Mudie and to Miss M. Ticknor for the capable and efficient manner in which they filled the offices of Secretary and Treasurer respectively.

In conclusion I wish to take this opportunity of thanking all members of the Staff, Executive, and Student Body for the whole-hearted support that was given to me during my term of office.

NEIL LINDSAY,
President for the Fall Term.

ARAB WISDOM

He that knows not, and knows not that he knows not — he is a fool.
SHUN HIM,
He that knows not, and knows that he knows not — he is good material. TEACH HIM.
He that knows, and knows not that he knows — he is asleep.
WAKE HIM.
But he that knows, and knows that he knows — WATCH HIS PROSPERITY.

TAKEN ATOM BY ATOM OR AS A WHOLE

TOO often we are apt to consider the world about us as a very disorderly, haphazard arrangement, entirely lacking in design. A glance at the scientific facts listed below may serve to dispel this somewhat erroneous opinion.

A cubic centimetre of steam at normal temperature and pressure contains about twenty-seven millions of millions of molecules. Each molecule is composed of three atoms, two of hydrogen and one of oxygen. Each atom contains a great number of electrons and protons; an electron having a diameter of about one hundred-thousandth of an atom, and a proton about one two-thousandth of an electron.

In order to form a better conception of what this means, let us draw a mental picture of a cubic centimetre of steam in which the proton is magnified to the size of a grain of fine sand, or about one-fiftieth of an inch in diameter. The electron would then have a diameter of slightly less than one-third of an inch. The atom would be magnified to a sphere sixteen inches in diameter and the diameter

THE WINTER TERM

AS is evidenced by the large turn-out of students, the Wednesday afternoon literary meetings are successfully holding the interest of the major portion of the student body.

The splendid co-operation of the students, executive, and Staff has made the duties of President an honor and a pleasure. I would like to commend the executive on the very capable and enthusiastic manner in which they filled their respective positions.

The Banquet, which was the outstanding social event of the year, was well attended, and the Banquet Committee is to be congratulated for the organization of such a successful evening.

Keen interest was shown in the various school activities throughout the term. Hockey, basketball, and badminton were outstanding in the field of sport. Although the Shooting Club was late in getting started it promises to become very popular during the rest of the term. The play, "Broken Dishes," presented by the Dramatic Club, with intermission music supplied by the Tech. Orchestra, was of a high standard and worthy of special comment. The Choral Society, founded this year, offers a splendid opportunity for those interested in voice culture. From the interest shown, its future success seems to be assured. The Tech. dances have been characterized by their large crowds and excellent music and they are much enjoyed by the majority of Tech. students.

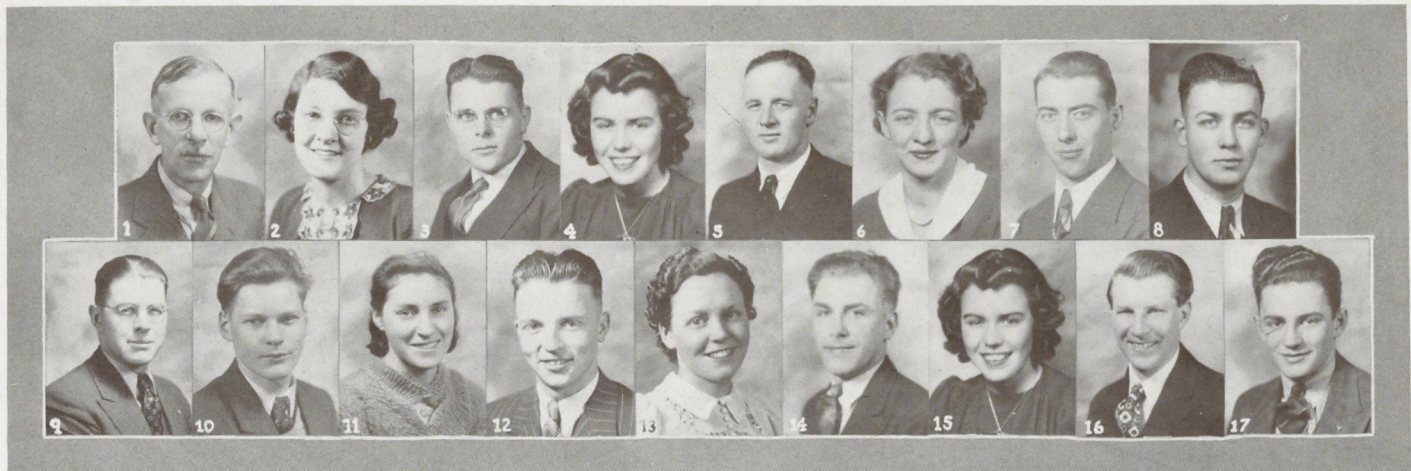
The Presidency of the Students' Association offered a new field of experience to me, but I have found my duties enjoyable and educational. I would like to take this opportunity to thank all those with whom I have been associated for their splendid co-operation, which has made this term so successful. I trust that this attitude will be extended to the President who will be elected for the coming term.

TRYG MASSING,
President for the Winter Term.

of the molecule would be approximately twice this long. Each molecule would be about thirteen diameters from its nearest neighbor. Our magnified cubic centimetre of steam, therefore, would contain twenty-seven millions of millions of molecules each thirty-two inches in diameter, and four hundred and sixteen inches apart. The cube would be three million molecules in length, three million molecules in width, and three million molecules in height. The edge of the cube would measure twenty-one thousand two hundred and twelve miles in length, and the volume would be nine and a half millions of millions of cubic miles. Thus if the proton was magnified to the size of a grain of fine sand the cubic centimetre would be magnified to a cube with a volume of more than thirty-six times that of the earth.

We sight this as an example of the intricate order and design in the realm of the infinitely small. Each of the commonplace things about us might be analysed in a similar way.

STUDENTS' COUNCIL



FALL TERM—5. N. Lindsay, President. 4. Estelle McLintock, Vice-President. 6. Helen Mudie, Secretary. 2. Marjorie Ticknor, Treasurer. 3. W. Downey, Athletic Chairman. 7. R. Bennett, Social Chairman. 8. S. Morton, Literary Chairman.

WINTER TERM — 14. T. Massing, President. 15. Estelle McLintock, Vice-President. 11. Mary-Ellen Kelly, Secretary. 13. Phyllis Taylor, Treasurer. 12. C. Sortome, Athletic Chairman. 10. H. Anderson, Social Chairman. 16. E. Farvolden, Literary Chairman.

STAFF REPRESENTATIVES—1. Mr. F. N. Rhodes. 9. Mr. D. C. Fleming.

TRADING MANAGER—17. N. MacMillan.

COMMITTEES

ATHLETIC—FALL..... W. DOWNEY, H. VERKERK, C. ROBERTS
WINTER C. SORTOME (Chairman)
LITERARY—FALL S. MORTON, W. MACCALLUM, W. MORRIS
WINTER..... EINAR FARVOLDEN, N. LINDSAY, MISS
H. MUDIE

SOCIAL—FALL R. BENNETT, J. BASTIAN, MISS E. JONES
WINTER —HANS ANDERSON, J. BASTIAN, C. ROBINSON
FINANCIAL—FALL..... MISS M. TICKNOR, MISS E. WILLIAMSON,
MISS J. KING
WINTER..... PHYLLIS TAYLOR, N. MACMILLAN,
H. VERKERK

CLASS REPRESENTATIVES

FALL		WINTER
BILL MACCALLUM	AERO	R. G. STATES
PEGGY CASWELL	ART	MARG. WOODY
HENRY VERKERK	COMPOSITE	HENRY VERKERK
		L. VOISEY

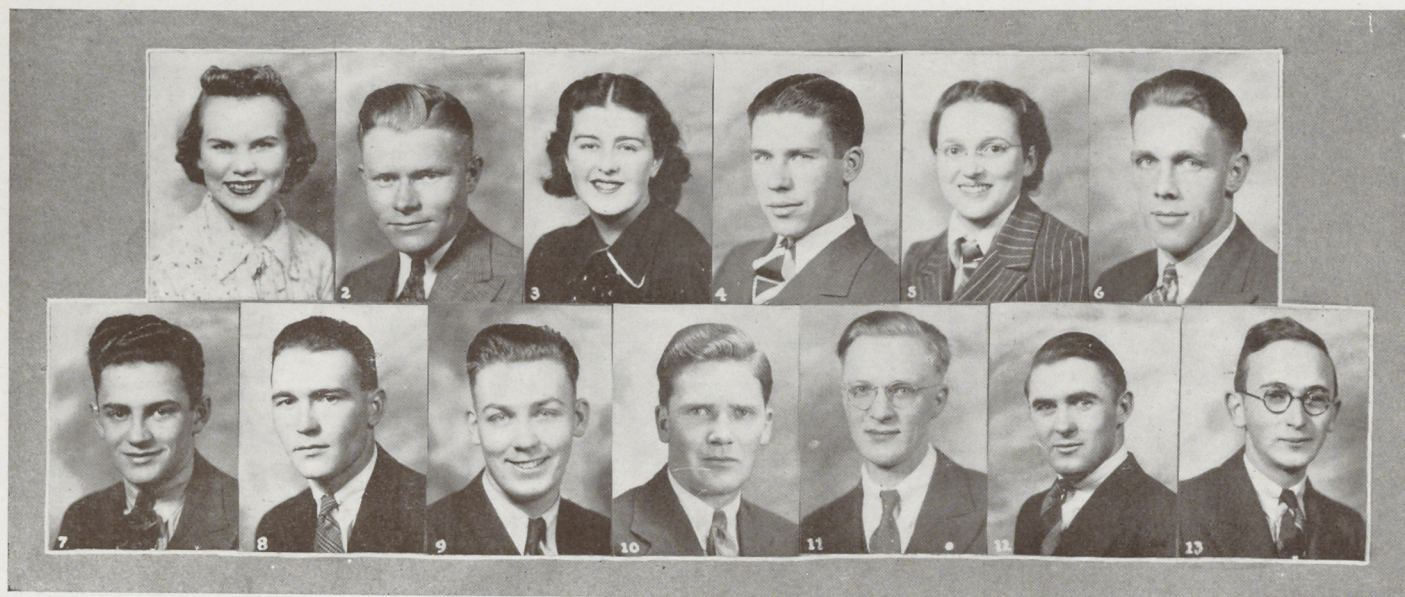
FALL		WINTER
KAY KEIR	D. & M.	THELMA ROLLAG
T. MASSING	ELECTRIC	R. FILIPKOWSKI
C. ROBINSON	FARM MECHANICS	FRANK NELSON
		HAROLD BELL

SPRING TERM EXECUTIVE

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Vice-President MISS M. MILLER
Secretary MISS E. HELTON
Sports Chairman

Treasurer MISS PHYLLIS TAYLOR
Social Chairman J. BASTIAN
Literary Chairman J. PICKUP
H. VERKERK

"EMERY WEAL" STAFF



EDITORIAL STAFF—9. S. A. Morton, and 11. W. E. Caskey, Editors-in-Chief. 1. Kay Keir, Women's Editor. 5. Peggy Caswell, Art Editor. 6. H. Verkerk, Sports Editor. 8. D. Mackey, Humor Editor. 12. C. Robinson, Social Editor. 2. J. Bundy, Cartoonist. BUSINESS STAFF—4. N. Ring, Business Manager. 3. Peggy Craig, Circulation Manager. 7. N. MacMillan, Stenographer. 13. A. W. Morris, Stenographer. 10. Mr. D. C. Jones, Staff Representative.

THE EMERY WEAL

THE EMERY WEAL, the bi-weekly paper of the Institute, has established a number of precedents this year.

The most noticeable change is that the paper has been printed instead of being mimeographed. The extra cost of this method made it necessary to sell the paper for five cents a copy. The students seem to have survived the drain on their pocketbooks.

The paper has had some novel ideas in the way of features. "The Observer Observes," dealing with the adventures of a fictitious student, Horace B. Bushby, has met with considerable favor among the readers. The "Low Down," a comment on school life from the feminine viewpoint, has justified the long hours of toil spent on it.

The Staff Representative, Mr. D. C. Jones, the sub-editors, managers, stenographers, and cartoonists are to be congratulated on their strenuous efforts to make each issue better than the last. The hardship of creating the best in literature in time for publication has left them practically exhausted, but still willing to carry on. The Editors-in-Chief, living up to the traditions of the press, have

spent their time wearing out the concrete floor in Room 5, expostulating and worrying, but of course doing little work.

There have, of course, been complaints about errors in judgment but the Emery Weal Staff has done all in its power to soothe the complainants, and correct the errors.

On the whole we feel that the student body has appreciated our efforts, and, therefore, that the paper has been a success.

Discipline is the method of making difficult things a habit.

* * * *

Some people grow under responsibility—others merely swell.

* * * *

MR. FOWLER: "In spite of the fact that excuses cannot be patented, Tech. students continue to invent them.

* * * *

Jumping at conclusions is about the only exercise some people take.

AERONAUTICAL DEPARTMENT



THIS year, for the first time, the Aero. Department enjoys the unique distinction of a course lasting for ten months. Thus, for a period of eight weeks, the Institute and all therein contained is in the undisputed possession of this privileged group. When the time comes, as soon it will, for all other classes to disperse to the four winds, the Aeros. will remain to keep the flag flying on the eastern tower.

The extra four months have been added to the two-year course in order to allow time for the inclusion of machine shop, welding and sheet-metal work as parts of the regular course and to permit of the extension of the mathematical work into the Calculus and some of its important applications. As a result of this enlargement of the course, the Civil Aviation Division of the Department of Transport, Ottawa, recognize the aeronautical training offered by the Institute as equivalent to a year of experience in their assessment of the qualifications of candidates for air engineers' certificates. In this respect also the Aero. Department is unique, as it is the only school of aeronautics in Canada to which the Dominion Government has extended this recognition.

With a enrollment of seventy-three students, the Department this year ranks as one of the largest in the Institute, and there has never

before been so much and such variety of work in the shops. At the moment five machines are being built or rebuilt, or are undergoing extensive repairs, while a sixth has been completed and taken out. Alongside the big five-place Boeing transport stands the little toy-like Heath Monoplane, with the Karikeens, the Pietenpol and the D.H. Moth between these two extremes. There is also outside work in the engine shop, but we could do with more to keep the active and industrious Second Year students at full stretch.

In the field of sport the Aeros. are again in the lead. After being runners-up last year, the Aero. II. team made no mistake this year about the Hockey Cup. They swamped all rivals to win it. At the Field Day sports last spring the Aeros. tied with the Electricals for the Athletic Cup, having won it in each of the two previous years.

In conclusion may I say, to those who will be leaving in June, "Good luck! May you enjoy the success for which you have worked so sincerely and so well;" and to those who will be returning again next year to complete their course, "So long!"

A. A. PEEBLES,

Chief Instructor,
Department of Aeronautics.

AERO 1



PHIL. ATTRILI

MEDICINE HAT

Phil. has difficulty in getting to classes on time, for which failing he has offered no satisfactory explanation. Phil. tells a poor story well. He hopes to become a large-scale producer of aeroplanes.



DOUG. BOWEN

DRINNAN

Doug. is the stalwart young blond from the north woods who aims to win his fortune and fame "at the controls." Aero. Mechanics and Tech. are just sidelines.



BILL BROOME

CALGARY

Bill is the proud owner of a marcel, which he has waved each week. He is interested in nurses. We expect to see a rapid advancement in aeronautics following his graduation.



ROLAND BROWN

CALGARY

The boy who says, "Oh, Feeble!" is Toby Brown. He is an accomplished paint scraper who hopes to graduate as an aero-mechanic



GORDON CAITHNESS

DIDSBURY

"Casey" is a swell fellow. Likes dressmakers, and can talk about anything, anytime or all the time. Hopes to be an expert "gusset-putter-over."



PETER DOSKOCK

BRUDERHEIM

Pete hails from the north and thinks a Calgary winter is just a late fall. His main ambition is to be able to scrape paint, and so become an aeronautical engineer.



ERNIE DUBBER

CALGARY

Ernie is a tall, red-headed boy who is popular with the class. Is quiet and easy-going. His past is a secret. Since he goes with a school-marm his future is in doubt.



VERNON EARLE

ACME

Vernon favors red-heads of either sex. He is a good hockey player and was a stalwart of the Aero team. He is a good aeronautical engineer.



PECK. HOUGHTON

DAYSLAND

Peck came to Tech. to give Daysland a break and to show the boys how hockey should be played. He is willing to admit that he is a good goalie.



HARRY JOHNSON

CALGARY

Came from the frosty Peace River country with a warm friendly smile. His ambition in shop is to find an easy way to scrape paint. (This should make his name immortal.)



"GEOF" KING

CALGARY

"Geof" is always doing the unexpected. Home comforts are his main attraction. His theory of right living—"Never work to excess." His ideal is "Ferdinand the Bull."



GORDON LAIDLAW

PINCHER CREEK

Gordon is a fine quiet chap from Pincher Creek. He is fond of both indoor and outdoor sports, but is particularly interested in hockey. Is one of Aero's best paint removers.



ROY LEADBEATER

CALGARY

Roy first saw light in Dauphin, Man., in 1917. Is Assistant Editor of the Year Book. Ambition: "To devise fool-proof lock system on all the school windows," in an attempt to keep warm.



HAROLD LUND

LETHBRIDGE

A young miner from the South but with an ambition to be as learned as Mr. Green. His favorite pastimes are skating and softball.

AERO 1



BILL LUXTON

BANFF

The skiing guide from the mountains who came to Tech. to become an air engineer. His ambition is to own a car which will use water instead of gas.



BILL MARTIN

ROCKY MOUNTAIN HOUSE

"Pee Wee" was born in Saskatchewan, and moved to a farm at "Rocky." He is a quiet but mischievous chap. He does good work in the shop but spends the noon hours tussling with McIntosh in the corridors.



WARREN MULLER

MUNSON

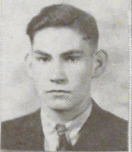
"Tiny" is a good worker. He is the woman-hater of the Aero shop. A good defenceman, if he would only turn up for the games. Warren has one virtue — he always has his homework done.



EARL McDONALD

BELLEVUE

"Mac" is the lady-killer of the Aero class. A familiar scene — Earl between two girls. Favorite occupation—cracking jokes. A good worker who gets good marks.



BILL McINTOSH

CALGARY

Bill is the long-legged desperado of the Aero class. He claims a liking for the long sunny month of June, but we know different. Don't we, Mac?



GEORGE PACKER

PENHOLD

Before coming to Tech, George was a carpenter. He stays in at night, works hard, and is certain to succeed. His ambition is to fly for the R.A.F. George is a member of the Dramatic Club.



HOWARD PEOHLMAN

EDMONTON

"Banker" has a very generous disposition. He will lend anything from cash to inside information on cars. His main activity is rolling cigarettes. He plays tennis. Hopes to become an aero engineer.



LESLIE PETA

WRENTHAM

Leslie takes an interest in basketball, hockey and gym. His good nature makes him popular with his classmates. His ambition is to get into the R.A.F.



GEORGE REID

CREMONA

"Floogie," one of the hard workers in the Aero shop, plays baseball, skis and swims. Favorite expression: "Have you the answer, Stewart?" Is an ardent student of mathematics.



KEN RIDLEY

ACME

"Squirtie" or "Half-pint" is the life of the Math. class. His ambition is to lead to victory the Aero 1B hockey team. Favorite expression is: "Contact, let her rip!"



FRANK ROUTLEDGE

LOUGHEED

In the year of Our Lord, 1919, there was a boy born into this world near Lougheed, and lo and behold, here he is. A talkative fellow, he works sometimes, too.



ALEC SHAPIRO

CALGARY

From out the gloom came "Canonball," And joined our Aero game, The cider-drinking Samuel Green of "Broken Dishes" fame; To be, we hear (and also fear) an Aero Engineer.



IAN SHAW

CALGARY

Ian, an ex-Art student, decided to seek a higher level and so we find him in the Aero class. Favorite expression: "Anything I can do for you?"

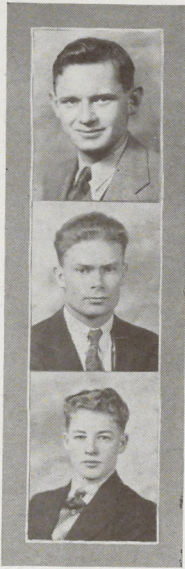


MICHAEL SMITH

CALGARY

"Mike" is the grease monkey of the Aero shop. He is a happy-go-lucky hard worker. Physics is his chief source of grief. Ambition—to be a hockey player. Hobby—paint scrap-ing.

AERO 1



ALBERT STEPHENSON

RED DEER

Popular with the Aero students, but the instructors seem to view "Pinkie" as one of life's little problems. His ambitions are many and varied, and seem to be centered on the second floor.

RONNIE THOMAS

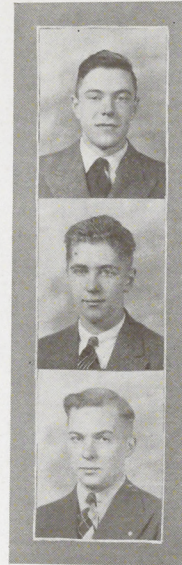
MANNVILLE

Hardwork will ne'er put him to shame, In shop, or theory, or hockey game; Our opinion: Aero is his great mistake, A clergyman "Doc Stump" would make.

KEN TOMPKINS

COAL VALLEY

Ken is always happy, even when he gets his pants ripped from stem to stern playing hockey. Ken decided to be an Air Engineer and work up, rather than a coal engineer and work down.



TOM WALLWORK

HUMBOLT, SASK.

His hobby being photography, Wally gazed at his proof in amazement, saying: "Is that me?" Badminton, tennis and the Aero "Lit" are among his activities. Wally was a plumber in Humbolt.

BOB WAYNE

CALGARY

Bob first kicked against the injustices of this world in Sudbury, Ontario. Favorite occupation is—selling pictures at exorbitant prices. Ambition—to design aeroplanes.

BILL WEBSTER

CALGARY

Bill emitted his first yell in Calgary, May 8, 1919. His favorite expression is: "I don't feel like work this afternoon." All his spare time is devoted to eating, sleeping and dancing.

THE FEEL OF POWER

BY JIM MCGINNESS

HERE is an unusual stir in the Aero shop. Hasty glances are directed from jobs towards the new engine stand, on which the Wright Wirlwind, J-5, is being mounted for testing. Everyone wants to see it start, see it run, operate the throttle and other controls, just to feel the power that the roaring engine gives.

The J-5 is an interest in that shop, perhaps because it is the most modern engine in the shop, perhaps because it is practically new or because it is the largest radial type at Tech. People like to see a radial operate. They come to look and wonder how this wonderful piece of engineering was brought about. The Aeros have looked inside and still they find it interesting. The throb of power output of those nine radial, air-cooled cylinders is music to the ears of an Aero.

The new engine test stand, the new engine, the shining metal propeller, all have a great attraction. The prop. is turned. The cry, "contract," and the answer, "contact," holds a tension in everyone. There is a "pop," a "bang," and it starts with a roar, everybody breathes more easily as the engine roars on, a steady penetrating throb of power, inspiring, calling, answering questions long ago asked: our modern aircraft engine today, the engine of perfection and power.

"To err is human, but to keep it up is foolish."

—Thackeray.

A TIMELY TOPIC

These Late Excuses have been compiled as a guide for future Techites:

"Street car was passing 10th Street and I had to wait to let it go by."

"Slipped back twice trying to climb the hill on the front approach."

"Failure of portly pedestrian to give me half the sidewalk after coughing twice to warn him of my speedy approach."

"Neglected to allow for longitudinal expansion due to an overnight Chinook."

"Landlady miscounted and supplied an extra piece of toast."

May the above stand all needy ones in good stead. For myself, I scorn to be so superficial and prefer to following technique: "I was late because I arrived after the last bell had gone." (Don't ask me where it had gone as that is your responsibility.) This excuse is not usually well received so I have evolved a few more observations which when viewed as a whole deceive everyone into thinking that I am not merely repeating the fact that I was late because I was late. So I add, "Because I left my lodgings later than usual." If I think someone will still say "Why?" I add, "Because I got up later than usual." Three "whys" come easily to an instructor, so I add, "Because I retired later than usual." That usually finishes the "Why" business. If it doesn't I have at least reached a point from which I can "Because" my way back to where one of the "Why" party is to blame. I have then reached a logical conclusion and can silence them forever by saying, "Why did you slip up there?"

AERO 2



J. A. BASTIAN

HINTON

Bastian has taken an active part in the social activities of the Institute. He has a new expression every week. Is good-natured and very popular. Hobby—surveying at 40° below zero.



ALLEN BERRINGTON

CALGARY

“Butch” came to Tech. last year to learn aeronautics and feminine psychology. So far he has learned some aeronautics, but no psychology. He specializes in sound effects.



K. D. BIRLEY

FORT ST. JOHN, B.C.

Hails from Fort St. John, B.C. Is known as a hard worker and a hard hitter. Hobby—boxing. Ambition — to join the R.C.A.F. Well liked by all.



W. S. BLACKWOOD

CALGARY

Blackwood's main ambition is to learn to fly so he can deliver his papers in the winged bullet which he is designing. Favorite pastime is matching pennies with MacCallum.



MARK BYRNE

WASKATENAU

Mark is one of those happy-go-lucky fellows who seems to get his work done with the least worry and effort. He is well liked by everyone. Mark sold the advertising for both the Year Book and the Emery Weal.



W. C. DOWNEY

STRATHMORE

“Dagwood” is one of the outstanding hockey players of Tech. and an all-round athlete. He was Athletic Chairman for the fall term. Is an expert in the shop.



FRED FARMER

CALGARY

Definitely the best rooter for the basketball team. Bolsters the Aero morale whenever it wanes. Fred will long be remembered for his portrayal of “Little Nell.”



BILL GOODWIN

CALGARY

Bill, the youngster of the class, was born in Calgary in 1920 and completed his schooling at Crescent Heights. He takes an active part in all sports and is quite a “whiz” on the dance floor.



C. M. HORNE

VERMILION

The sleepyhead of Aero 2. Loves dancing and riding in Coleman's car. Very athletically minded and attends all hockey and basketball games.



RAY JOYCE

DODSLAND, SASK.

One of the strong silent type with a grand sense of humor, Ray is a combination of garage mechanic and air engineer, and excels at both.



A. KONKIN

CHEADLE

Konkin is a quiet student who bothers no one and minds his own business. His chief interest is in hockey and he attends most games. His hobby is playing milkman with his brother.



JACK LEBRECQUE

CALGARY

Born in Calgary in 1919, Jack is a racing-pigeon enthusiast. He is noticeably bright in class. Intends to find a future in aeroplane production.



W. F. MACCALLUM

GLEICHEN

Very particular that it is spelled “Mac.” Known around the Rolls as “Half.” We wonder why. His ancestors came from “the land of the heather.”



D. B. MACKEY

NANTON

Hails from Nanton. He is interested in all inter-class activities and is one of the main props of the Emery Weal: namely, the Scandal Editor. His main ambition—to cut a figure 8 on skates.

AERO 2



DONNIE MACQUEEN

LAMONT

The quiet fellow in the Aero class who really gets some work done. We do not see him around at nights so he must be ambitious. Donnie aspires along with the rest of us to become an Aeronautical Engineer.



S. A. MORTON

CALGARY

He has something in his nature that makes him help everybody. He is quite often seen on the second floor, surely for purely business reasons. Is Editor of the Emery Weal.



S. H. MCCAIG

LACOMBE

Stan was raised in the stock country of Medicine Hat but deserted it for Lacombe. Now mixes Math. with cooking. He hopes to enjoy a carefree life manufacturing aircraft.



K. A. MCCASKILL

CALGARY

A native of Winnipeg who decided to come West. His pet aversion is beautiful women. Nick-named "Head" after a popular comic strip.



J. W. MCGINNESS

GRANDE PRAIRIE

His ambition is to be an Aeronautical Engineer in that far north country. Tries to keep the puck out of the Aero net. His hobby is photography.



H. E. RAMEY

CALGARY

One of Tech's. best athletes, and most brilliant students. He is a Rolls expert. His chief ambition is to really give out a good body check. He has thus far been unsuccessful and has acquired the nick-name, "Horizontal Kid."



KARL RIEP

IRRICANA

Karl was born in Odessa in 1920 but moved in on Irricana nine years ago. Karl is well known in sports at Tech. After school is through Karl intends to join some pursuit squadron in the R.C.A.F.



ROY ROBINSON

BROCKET

One of Tech's. dark, silent men, who has the ambition to become an Aeronautical Engineer. Roy is ambitious and is always on the job with a smile. He really makes a job of grinding valves.



F. J. SANTO

CALGARY

Santo is looking forward to the expansion of the R.C.A.F. Spends all of his spare evenings down at the local skating rink. Main ambition is to be able to take an active part in the present aircraft construction program.



G. F. SHAW

MARWAYNE

Shaw traded his butcher knife for a paint scraper. Is an excellent mechanic. Likes going to shows but wishes the beds weren't so short after long nights.



DICK SMITH

WEMBLEY

Dick hails from the choice grain growing spot in the Peace River Block. He takes a keen interest in his work, in hockey, and in baseball. Dick acted as referee for all hockey games at Tech.



R. G. STATES

WAYNE

Class representative for Winter Term. Enjoys boxing and wrestling although he is on the receiving end quite often. Ambition—to become a second Rubinfoff on the fiddle. Pet aversion—carving propellers.



H. A. STRAUGHAN

SPEDDEN

Commonly called "Red," Straughan is a sensation on engines. He is neat and always willing to help. His main ambition is to join the R.C.A.F. as an Aeronautical Engineer.

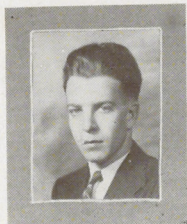


L. K. TALLMAN

TABER

Shorty, "The answer to a maiden's prayer," is short, dark, and handsome. Yearns to be a jitterbug. Is the live-wire playing manager of the hockey team.

AERO 2



BOB WILLARD

VULCAN

Bob is an ambitious fellow who tries to be agreeable and congenial. "Willing Willard" they call him. Electric Shavers are his side line. He wants to continue with Radio and Air Navigation after leaving Tech.

AERO 3



MANSELL BARRON

FOREST LAWN

Washes dishes on the C.P.R. in the summer. Finds it difficult to concentrate on anything this year because of the absence of an ex-Art student from Taber. His hobbies include milk farming and dancing.



BARRY COLEMAN

CRANBROOK, B.C.

"Butch" came to Tech. in his flivver this year to try to get a pension. Seems to have trouble keeping track of his girl friends. He goes mad at the sight of a moustache.



EARLE RICHARDSON

CROSSFIELD

Earle decided Aeronautics was better than being a plough jockey so he returned for a third term. He plays baseball and enjoys a good fight. His ambition is to shave off Ring's moustache.



NORMAN RING

CALGARY

Norman accepted the position of Business Manager of the Emery Weal to make sure that his name would not appear. Hopes that some day he may become an Aircraft Draftsman. He took the candid camera shots for the Year Book.



KEITH WYLLIE

STETTLER

Spent the fall down east in quest of employment. Keith runs a crown-and-anchor board in summer when his sign painting business gets slack. Hobbies—snooker and blondes. Wotta Man!

SIMPLICITY

BY J. R. SMITH

QUIET simplicity is the expression of a strong, courageous spirit. The one who has something to say, that needs saying, speaks in clear terms. He has lived with an idea, thought it through to its simplest terms, and has felt the power of truth stir within him. He understands that power needs no bolstering, and allows it the dignity of forthright expression.

Quiet manners are the indication of a serene mind, controlled and directed by a cultivated intelligence. Greatness never has to lift its voice in a lion roar.

Youth needs to learn simplicity. Direct and candid by nature, the young people readily understand candor of speech and action. When they turn from the simple ways and copy the futile fussiness of their frightened elders it is because they have caught the fear that drives men into hiding. If they lose their first, open, generous candor it is not because they would choose to lose it. They have lost their way among the clutter which has been thrown into their lives. It is time that we claimed the dignity of manhood and womanhood secure in our own right. The time is here when each of us must declare for the simplicity of the human spirit, for its freedom from the unessentials.

YES, WHY NOT THINK?

It's a little thing to do;

Just to think.

Anyone, no matter who,

Ought to think.

Take a little time each day

From the minutes thrown away,

Spare it from you work or play,

Stop and think.

You will find that we who fail

Do not think.

Men who find themselves in jail

Do not think.

Half the trouble that we see,

Trouble brewed for you and me,

Probably would never be

If we'd think.

Shall we journey hit-or-miss,

Or shall we think?

Let's not go along by guess,

But rather to ourselves confess

It would help us more or less

If we'd think.

Youth is the time to study wisdom;

Old age is the time to practise it.

—Rousseau.

THE ANNUAL BANQUET



THE week prior to the banquet marked a period of tense expectancy and excitement throughout the entire school. "Tech. Banquet" was a very hackneyed expression by the end of the week.

By 6:25 p.m. the rotunda of the Palliser Hotel was crowded with merry Tech. students bedecked in their finest toggery. Before long the doors of the main ballroom were opened and with surprisingly little confusion the students found their places.

During the banquet meal, classes rose in a body, time after time, to give vent to their spirits in hearty class yells. The Motor group gave the best account of themselves in this department.

As usual, Mr. Fowler filled the position of Toastmaster. The pleasant manner in which he introduced the speakers was usually to the embarrassment of the Staff but of course to the high glee of the assembled students.

This year the Banquet Committee was fortunate in securing Mr. H. P. Wright, formerly a Staff member and now a master-farmer, to deliver an inspirational address. His remarks regarding humanitarian and scientific discoveries left the students with food for serious thought.

The address by our Principal, Dr. Carpenter, dealt with the statistics relating to the present school year. He sounded a note of optimism as he reviewed the increased enrollment and the greater variety of courses offered.

Mr. T. Massing, the President of the Students' Association proposed the toast to the Staff. In a few well chosen words he expressed the respect and friendship which the student body has for its instructors. Mr. Fleming replied, recounting some of the peculiarities of the Staff, much to the delight of the students.

Other items on the program included community singing, led by Claude Roberts; selections by the Symphony Orchestra, the Choral Society, and the Composite Trio; and piano-accordion selections by Mr. Stan. James. The program was closed by the singing of "Auld Lang Syne."

The remainder of the evening was devoted to dancing to the music of Jerry Fuller and his orchestra.

Much credit is due to H. Verkerk and his committee of willing workers for making this event such an outstanding success.

ART DEPARTMENT



AS the centre for the fostering of art-consciousness in the Province, the Art Department continues the work of developing the artistic talent of young Albertans. The registration both in the first and second year has been about the same as last year. The best of last year's beginners returned for a second term and with them a number of talented third year students. The work of the more advanced students is, as before, highly individual and has produced a very varied assortment of work, including: illustrations, posters, oil paintings, mural panels, batik, leather work, and modelling. Anne Jusypink has been given a free trip to the New York World's Fair on the strength of some of her work which was seen by a well-known film producer. J. S. Perrott has done a poster for the Banff School of Fine Arts, which will be held in August. The poster will be lithographed and displayed throughout the Dominion. Good luck to these promising students!

We have been hearing a good deal this year from former students who have gone farther afield. Miss Betty Carlyle, after getting a thorough ground work with us, is doing advanced work at the Slade School in England. Miss Myrtle Jackson is making a name for herself in Vancouver. From New York comes word that Miss Jorgens, who is on a year's leave of absence from the Staff, has won a prize for a decoration to be shown at the World's Fair.

The evening class has been conducted on Mondays and Wednesdays, with a good attendance throughout the winter. The life class has been the main attraction of the evening classes, and much excellent drawing has resulted. A landscape class is being conducted during the spring months, including Saturday afternoon periods, which will bring to a close a very successful year's work.

ART 1



E. M. BENTLEY SHAUNAVON, SASK.

A popular, blue-eyed girl; a Sonja Henie on ice. Ambition—a studio in Paris and a lounge on the Riviera.



CONSTANCE BOESE CALGARY

She's mischievous and full of fun. Her modernistic designs are testimony of her imagination and ability. Connie can't understand why they don't make warm sherbicles.



DORIS BRAILEY CALGARY

A friendly, fun-loving girl well liked by everyone. She loves swimming and dancing (also hamburger and onions at three o'clock in the morning).



ALICE CLACHRIE CALGARY

Diminutive little lady just seventeen, whose ambition is in Commercial Art. Loves athletics, especially cycling. Her hobby is stamp collecting. Seemingly quiet, she is lots of fun and has her finger in most of the Art 1 pies.



ERIC CLARKE CALGARY

Ambition—to write a book on that colossal subject, "Color Harmony for the Color Blind." Favorite sports—hockey and swimming.



MARGARET FORD CALGARY

"Babs" Ford is interested in all school activities, especially Aero. Hopes some day to be an interior decorator. Has a sense of humor which turns all life's dark moments into laughs.



BESSIE FULLER CASTOR

A tall blue-eyed damsel who is lots of fun and a good sport. She is an interesting companion and a swell friend. P.S.—She makes grand chocolate cake.



RAALTE HANNA LOMOND

This vivacious young lady is a constant source of amusement for the rest of the Art Class. She loves dancing. Raalte hopes to cruise around the world when her ship comes in



PETTY HART HANNA

Betty is very good-natured and independent. She enjoys reading, wood carving, painting, and driving a car. Specializes in portraiture and has an ambition—to win another scholarship.



AUDREY HUGHES CALGARY

Not content with the work at Normal, Audrey comes to Tech. and fills in her three spares studying Art. Wears a red coat to let everyone know her dad is a fireman.



HAZEL JOBERG CRAIGMYLE

This dark-eyed damsel is the drawing card at the Room 341 noon sessions. She likes 'em fair.



GEORGIA LUSCOMBE CALGARY

Her chief interest is "Art." Is quick on the draw as an artist should be. Favorite expression: "Is that necessary?" Ambition—to teach badminton birdies to fly.



HELEN STADELBAUER CALGARY

The blue-eyed worker of the Art Class. Ambition—to become a B.Sc. in Fine Arts. "Is not given to words or strife, but once a friend, a friend for life."



FRANCES VINCENT CALGARY

Recently a resident of Medicine Hat. Liked by everyone — including the boys. "Pat" is certain to make a place for herself among the notables in the Art World.

ART 1



ALLEN WATERHOUSE

CEREAL

Another budding artist from the Art 1 Class. His ambition is to be a successful commercial artist.



MARGARET WOODY

LACOMBE

Has the Tech. school spirit. Likes dancing. Her main ambition is to take Aeronautics instead of Art next year.

ART 2



FRANCES ARCHIBALD

CALGARY

A persevering student of anatomy, who really remembers all those funny names. Still plans to carve her career in surgical art.



HELEN BUCHAK

CALGARY

Part time Art and Dressmaker, but still fond of Art classes. Simply can't wait till she gets home on account of - - -. Blonde boys are popular here.



PEGGY CASWELL

BOW ISLAND

One of the "brite lites" of the Art Class and a friend to all. Takes part in most student activities, and heckles everyone with her favorite expression, "Foo."



MAISIE DEAN

CALGARY

The sweet-voiced songstress of the Art Dept. with the sparkle in her eye. We wonder who caused that. "Tops" in her work and with her fellow students.

ART 2



MARGARET GLEN

CAVENDISH

Blonde hair, blue eyes and a vivacious personality, that's Marg. She's a real worker too and we know that she'll succeed. She spends most of her spare time teasing Dixie.



BOB JOHNSON

CALGARY

The hard-working handyman of the Art Class. Gets "under our skin," but is soon forgiven. We predict he'll get along all right.



VIVIAN LAMONT

CALGARY

Vivian is quiet and industrious. She wears that solemn look just for effect. An excellent student and the best shot in the modelling class.



DICK MARRIOTT

CALGARY

If he's as persistent an artist as he is a tease, he should get somewhere. Spends his days resting up for the work he must do tomorrow. Is a very obliging fellow who is always willing to help.



J. S. PERROTT

STAVELY

"Perry" is the only good excuse the Art 2's have for calling themselves "advanced." Is an able and willing critic, very often the cause of the girls' hysterics, and Mr. Adam's consternation!



MARGARET QUINT

CALGARY

"Mary Livingstone" Quint—a dual personality—an artist with poetic ability, or vice versa. Was disappointed because she couldn't put poetry in Perry's biography.



LOUIS VARRO

REGINA, SASK.

Odd sort of person whose propensity it is to disdain anything ostentatious, and is satisfied just seeking for comeliness.

THE IOTA CLUB



3. Miss C. E. Smith, Honorary President. 2. Helen Mudie, President.
4. Phyllis Taylor, Vice-President. 1. Thelma Rollag, Secretary. 5. Edith Jones, Treasurer.

FOLLOWING the Hallowe'en Party at which first and second year girls of the Institute became better acquainted, a meeting was held for the purpose of reorganizing the Iota Club for 1938-39. This took the form of a tea followed by a business meeting.

The following officers were elected:

Honorary President	Miss C. E. Smith
President	Helen Mudie
Vice-President	Phyllis Taylor
Secretary	Thelma Rollag
Treasurer	Edith Jones
Educational Convenor	Alice Schmidt
Social Convenor	Eleanor Williamson
Athletic Convenor	Peggy Craig

The candy sale held before Christmas was well patronized. The proceeds were donated to charitable institutions.

The social activities of the club have taken the form of skating parties followed by dancing and refreshments. A dance was held

in the Assembly Hall on March 10, to raise funds to help pay for the piano which was purchased for the use of the members. The club is making plans for the annual party which will be the closing event of the year.

This year the members supported enthusiastically, many varied programs. Mrs. J. K. Penley, of the Penley Dancing Academy, agreed, once again, to address the first meeting on "Ballroom Etiquette," "Technique of Modelling," and "Posture." Miss M. Fawdry, the well-known photographer, traced the history of this work from the earliest times up to the present. Those who were privileged to hear Miss Fawdry felt that a very profitable evening had been spent. The tour of the Albertan Publishing Company proved interesting and educational.

The interest in the meetings of the club has been demonstrated by the large number of members who attended. We trust that, as time permits, other successful meetings will be held.

The girls are particularly grateful to Miss Smith for her continued interest in this activity.

A POEM

BY GERRY WEAVER

T—for tuition for which we pay fees,
E—is for EXCELLENT if tutors we please,
C—meaning cross which seldom they are,
H—represents HARD WORK if honors we'd share.
N—stands for nonsense, tempered with sense,
I—some call it industry, you know what is meant,
C—carvers and sculptors—and choristers trill;
Aeros build planes in this school on the hill—and it's
Laughter and good times and not many tears,
Will tickle your memory in forthcoming years.

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THE YOLKS ON HER

MARJORIE: "Hey, Blanche, lend me your can-opener. I want to open this egg."

* * *

MRS. OLSON: "Just a moment, Miss McDougall, where do you think you're going?"

MABEL: "The recipe for this cake reads 'beat it for ten minutes,' so I thought I'd have time to run home and get my picture for the Year Book."

* * *

What is the thought in the mind of the bride as she enters the church?

Aisle, Alter, Hymn.

DRESSMAKING AND MILLINERY



"The beauty seen is partly in him who sees it."

BROAD open spaces of green with clumps of trees and shrubs scattered here and there and winding paths that lead up the hill; sunshine on the brick walls and arched doorways of the Institute; the wide granite steps where groups of students gather to discuss school problems or social activities; young and old, juniors and seniors, all wending their way in the same direction to the top of the hill where stands the building we all know so well. These are memories which many of our students will take with them when they complete their work this year; two years of friendship and experience with a background of all they have put into the doing of things well, they go bravely into the world to face the problems of life.

The students in the senior year have worked hard and have accomplished much in their chosen field. They have played leading parts or co-operated in social activities and we anticipate great things from them in the future.

The class of '38 is well upholding the traditions of the past and we hope to see many of the students back next year. They are eager and able to carry heavy loads for many of them have finished High School and some have had a taste of the business world. They too have entered enthusiastically into social and group activities.

We appreciate the fine co-operation we have had with the business houses of the city. Many of our ex-students have been accepted to fill full or part-time positions in stores and manufacturing plants.

When you, our students of '37 leave your classes for the last time, may you be able to say we have helped you in at least three ways. One is how to make a living. The second is how to live properly in relation to your fellow men. The third is how to enjoy doing the first two.

MISS C. E. SMITH,
Department Head.
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DRESSMAKING AND MILLINERY 1



ANNE ARMSTRONG

NANTON

Our Personality Kid. We wonder why she likes dramatics. We still wonder what life would be like without her.. Hobby—Writing editorials about the “Romance Bureau.” Pastime—Dreaming.



MARGARET CRAIG

CALGARY

Our Peggy plays basketball, dances, skates and loves to croon. Likes dressmaking but admits that Composite is a pleasant diversion. Her pet aversions are men who call her “Squirt.”



JESSICA EVANS

CALGARY

The red-headed dressmaker, who is also an excellent cook. She possesses a cute giggle. Her favorite pastimes are music and swimming.



BETH FORTUNE

ELNORA

Hobby—Collecting diamonds. Beth’s pet aversion is sitting down suddenly on the gym floor. She is a very quiet girl. Is a hard worker and willing to learn.



EMILY GROSS

GRASSY LAKE

Emily’s chief ambition is to be a good dressmaker. Her pastime while in the sewing class is answering the knocks at the door. Does she blush!



EVELYN GUSTAVSEN

HUSSAR

“Gus,” whose infectious giggle brightens Dressmaking Class. Came to Tech. to enjoy everything, even work. Her sole ambition is to sew a straight seam.



FRANCES HAWKINS

CRAIGMYLE

Frances is everybody’s pal. She enjoys sewing. Spends much of her time picking up things from the dressmaking room floor.



ESTHER HELTON

THREE HILLS

Esther is a first class seamstress and her ambition lies within the dressmaking field. Can she talk? The answer is definitely, “Yes!”



ANN HOLOWAYCHUK

CHIPMAN

Likes basketball so well she has three different pairs of shorts, which are red, white and blue. Her ambition is to become a designer in Paris. We wonder how she will change her name to make it sound French.



PEARL JACKSON

DIDSBURY

Pearl is the second Jackson to roam our corridors. Favorite aversion—Textiles. Ambition—To discover some work that requires plenty of time for completion.



LEONA KANE

LOCKWOOD, SASK.

Her greatest grief is putting in sleeves upside down. Sole ambition is to be a famous dress designer. Favorite expression: “I was afraid of that.”



MARY KEIM

CALGARY

Mary has abundant ability and hopes to be a dress designer. Her favorite aversions are—Maths., Cooking, Textiles, English and Art.



KATHLEEN KEIR

CALGARY

Kay, a blue-eyed blond whose dimples are the envy of all Tech. Aims to be a nurse but doesn’t like the idea of the early nights.



MARION KOCH

LOMOND

Marion is a good little dressmaker. She goes about her work cheerfully. Her weakness is Motor students. Her ambition is to be a designer.

DRESSMAKING AND MILLINERY 1



FRANCES LARUE

CALGARY

Fran. loves big cars and crowds. When she has nothing else to do, she spends her time in a certain store on Eighth Avenue winding toys and selling hardware.



LILLIAN LUNG

CAYLEY

"Lil." is always on time. She just loves cooking but can't do away with her own creations. Is so generous she simply can't say, "No."



ELIZABETH MADGE

MILK RIVER

Has blond hair, fair complexion, and a sunny disposition. Her ambition is to be a dressmaker but her case is hopeless while Bob is "strutting his stuff."



YVONNE MANAREY

CALGARY

Yvonne attends school as a dressmaker when she has nothing else to do. She is noted for her sunny disposition. Her favorite expression is "Yeh Tech!"



MABEL McDOUGALL

CALGARY

"Babes" our Scottish dancer is known for her hearty laugh. Just listen to her some time. She never worries about tomorrow. Her favorite pastime is dancing.



ALMA NELSON

STANDARD

A shy blond who appeals (naturally) to boys. She is far above "standard" in her dressmaking. Likes all sports and is popular with both sexes.



JEAN NESTE

CALGARY

Jean is the perfect lady at home, at school and at play. She always has a sunny smile and a cheery greeting for everyone. Usually is very busy at this and that, mostly that.



BLANCHE OSTLUND

LETHBRIDGE

Blanche is known to all as "Bunny." She blew in from Lethbridge with a sunny smile and is still smiling. She is very fond of singing and dancing.



ESTHER PEDERSEN

CALGARY

This supposedly quiet little girl has proved to be all she pretends to be and more—as we have discovered on certain occasions. She is a shining light in Class P1B.



HELENE RICKS

CALGARY

"Speed" lives up to her name except when she arrives in the morning. Nevertheless, she is studious when she is not day-dreaming, if ever.



HILDAGARDE RIEP

IRRICANA

Hildagarde Riep is that happy-go-lucky person who never wears a frown. She is fond of both outdoor and indoor activities and is a good sport at all times and in all places.



THELMA ROLLAG

WRENTHAM

One of the best reasons why P1B has a good name. Thelma's aim is to give to Tech. all she has. She is secretary of the Iota Club and is Dressmaker's Room Representative.



ANNIE ROYAL

GLEICHEN

Just a little dark-eyed girl from the country who does love to fight, and how! Very ambitious in her needlework, because it keeps her out of mischief.



ALICE SCHMIDT

CALGARY

A quiet yet amusing pal. Loves skating, yet we wonder why she is never seen on the school rink. Because—(he'll get you yet Alice).

DRESSMAKING AND MILLINERY 1



MAXINE SCHULDt

CALGARY

It's not surprising how quiet the room is when Maxine is absent. She's very fond of outdoor sports. I guess that is why she loves to watch the Tech. boys play hockey. No?



PHYLLIS TAYLOR

CALGARY

Phyl, as she is known to all her friends, has a sunny disposition and a talkative nature. She held the positions of Vice-President of the Iota Club and Treasurer of Students' Council for Winter Term.



CLARA TETZ

BEISEKER

Clara is quiet and good-natured. She loves sports, especially softball. Clara is always glad to go to Beiseker. How he must miss you, Clara!



EUNICE THOMAS

THREE HILLS

This dressmaker, a talented piano player, has capably accompanied our riotous singing at the Lits. During school hours she is a quiet and studious pupil.



MARGARET THORNTON

HILLCREST

Popularity and wit,—that's Marg. She loves all sports and plays forward in the girls' basketball team. Nothing can keep her from dances and skating parties.



MARJORIE TICKNOR

CALGARY

Born in Casey, Iowa, she has had a varied career since then. She has been a teacher for a number of years, and will no doubt return to the noble profession when her sojourn at the Institute is over.



JOYCE WATTS

CALGARY

Typical outdoor girl with an eye towards winter sports. Ambition is to finish school before school finishes her. Member of Iota Club and interested in welfare of "good ole Tech"



ELEANOR WILLIAMSON

CALGARY

"Saucy little red head" who loves to dance. Can make a pun on practically anything. Is oh, so friendly, and always chatting about something.



DOROTHY KININMOUTH

AIRDRIE

A very popular member of D&MIA and of the Iota club, too. She only spends half the day at Tech.



HARRIETT MCKINSTRY

CALGARY

"Harry" is a quiet, industrious student who works very hard. She firmly believes: "That girls who go to bed before half-past ten are loved by their parents and elderly men."

THE COMING OF SPRING

BY R. A. THOMAS

Have you never heard the trill of a bird
In the top of a maple tree,
When snow streams run from the heat of the sun,
And Chinooks are blowing free?
Have you seen the crow wing over the snow
As he journeys up from the south;
Or heard with a shiver the wailing quiver
From a skulking coyote's mouth?

When pussy willows are waving billows
Tossing their mantles of white,
And the crocus' bloom like a spinner's loom
Is weaving a tapestry bright,
Then the robins appear with their song of cheer
To build a home of love,
And we joyfully sing: "Here comes the Spring!"
As we thank the God above.

DRESSMAKING AND MILLINERY 2



NELDA AINSLIE

Nelda is one of those quiet second year dress-makers. Loves dancing with a special motor student and would go skating every night if it weren't for homework. Ambition — to see the world.



JULIA BAHAN

Julia enjoys active sports. Pet expression—"Say listen." Why not take more notice of the Tech. boys instead of those at Inglewood, Julie? A most commendable idea!



MYRTLE CUMMINGS

Myrtle is a "whiz" at homework and is always on time when the 8:30 bell rings. She spends her spare moments skating, and answering the telephone. Ambition—to take Aero.



EDITH JONES

In the short span of 18 years Edith has managed to acquire a profound gift of speech. Plenty of "Wim, Wigor and Witality" here! "Speed" might well be her middle name; both with needle and tongue.



MARY-ELLEN KELLY

Mary-Ellen, a second year dressmaker is everyone's friend. Behind that quiet smile hides a mischievous mind ever seeking to tease. Her favorite hobby is writing letters. She was Secretary of Students' Council for the Winter Term.



PHYLLIS LINWOOD

Born in Jenner, came to Calgary, then to Tech. Hopes to be a Hollywood stylist. Loves to skate and dance with a special electric student.



MARGARET MILLER

Margaret is very quick in her work, and stays at a thing till it is done. She is a happy-go-lucky girl and likes to be on the go most of the time. Has a very lively sense of humor.



HELEN MUDIE

Dressmaker, Secretary, President, Editor combined in one. Everybody's friend. Always has a cheerful smile and a pleasant word to say. Loves skating, Tech. dances, outsize dresses and teasing the girls.



ESTELLE McLINTOCK

Never false to friendship,
Ever kind and true,
Lovable and lively,
You're sure to love her too.



ALICE SHOWALTER

Loves sports. She can whiz by us in sports and dressmaking. Always willing to lend anything she has. Step on it, girls if you don't want Alice to take all the high marks again.



GLADYS WALL

We know a sweet miss named Wallie,
She's petite, she's cute and she's jolly,
She swings Sweet Lelani
And yells. "Hey! where's Johnnie?"
She's one of our Tech. sports by golly.



GERALDINE WEAVER

Jerry is a leading light in the Choral Society. Is interested in skiing. Noted for wit. Oh, how dull it would be without you Jerry!



ELSIE WOLLNEY

This sweet little jitterbug left the land of Morning-glory for the more sober surroundings of Tech. Pet recreation—reciting snappy stories to Wallie. Favorite expression—“You’ve got to show me.”

PHILOSOPHY

When I think that I would have lost if I hadn't won, I could shoot myself for being such a fool.

“We think our fathers fools, so wise we grow,
Our wiser sons, no doubt, will think us so.”—*Alexander Pope.*



THE LITERARY PROGRAMS

THE first term Literary competition set a new high in school entertainment. The Composites were successful in winning the cup, but only by a narrow margin. All agree, however that the originality and variety of their program was deserving of first place. The Motor group placed second in this competition by reason of a program of high literary quality. They showed a marked improvement over last year. The many complimentary remarks passed about the Dressmakers Lit. testify of a very pleasing program. Aero presented a splendid variety program. The Electrics will long be remembered for their original presentation of "Romeo and Juliet." The Art class, who unfortunately were required to give the first presentation, made good use of the short time at their disposal to prepare a Lit. which was very well received.

The Winter Term Lits. showed improvement in almost every class. The Composites were again successful in winning the cup but they were hard pressed by the Farm Construction class, who for the first time were presenting a program as an independent group. Greater variety in methods of presentation and in material was shown during this term. Worthy of special mention in this respect are the radio program of the Dressmakers; and the quiz contest staged by the Motors, who used the Dressmakers as worthy opposition.

The student body owes a debt of gratitude to Miss A. Veenendaal, Mr. N. Safran, and Mr. D. C. Jones, who acted as judges for the Fall Term; and to Miss M. Miller, Mr. R. E. Byron and Mr. N. Safran, for similar assistance during the Winter Term.

THE SHOOTING CLUB

SHOOTING got away to a late start this year, but, to judge from the number who are attending, it is now making rapid progress. The club has now the largest membership in its history.

Four new Savage sporting rifles equipped with aperture sights were purchased at the beginning of the season. The system of target lighting has been greatly improved. These two factors have resulted in much better marksmanship.

The club, which is under the direction of Mr. Wagner, meets every Wednesday and Friday from 7:30 to 10:00 p.m.

A silver spoon is given for the highest score in every 350 rounds. Only one spoon has been awarded so far this year. Karl Riep won this award with a score of 99 out of a possible 100. We hope that many more members will attain this degree of accuracy before the season is over.

There has been an increase in the number of lady members and they have achieved very good results. The highest lady's score was hung up by Marion Koch.

Arrangements are being made to join the Dominion Marksmanship Association. This should make for keener competition among the members. The members next year are assured of a perfect season, with the new rifles just nicely broken in.

ELECTRICAL DEPARTMENT



THERE are few superlatives applicable to the Electrical Department this year. It is not the largest class in the school, nevertheless it is large enough to be a leading factor in most of the activities. It has had the honor to provide two presidents of the association—one husky, the other “Massive.” It did not produce the manager of the Banquet, but when the smoke of battle cleared away, the “Sons of Edison” knew where a goodly portion of the turkey “had went.”

The electricians’ voices may lack the booming crescendo claimed by other classes, but those of the radio section working at night have transmitted vocal records far beyond the boundaries of this fair Dominion.

The same old staff is still guiding the intra-curricular activities of the department, and though showing more silver hairs among the gold, one is still Young, and all are dynamic, radiant and magnetic.

Their potential energy induces the smooth functioning of the many lights to whom they are connected — may the fuses never blow. In a word the Class of '39 are a solid type that will leave their impression on the staff and on their fellow students for many years to come. It has been good to work with them, and those members of the staff most intimately associated with them expect them to go far in their chosen profession.

Soon the work of the year will be concluded; the examinations will have been written and marks awarded to suggest that a modicum of lore will be borne away. There is one prize that no cold percentage can indicate, no diploma reveal — the true friends that each has made. In this section of the varied, and I hope profitable experiences of the year, I feel that the general good fellowship gives promise of a bountiful harvest.

F. N. RHODES,

Chief Instructor.

ELECTRIC 1



THOMAS ANDRUSCHUK

FLEET

Tommy has a quiet, cheerful disposition, and a good sense of humor. Favorite expression, "Bennett, have you your car?" Is an ideal student.



BILL MAXWELL

MEDICINE HAT

A rather quiet chap seen at all school functions. Played basketball and hockey for Electrics. Bill wound an armature so that it worked the first time, thus showing great promise in the electrical world.



ALBERT BENNETT

CONRICH

Al is one of our oldest classmates. He acts as bank to Laycock. Supports the class gaiety. Al likes to dance and to work hard.



GEORGE BLISS

GLENDON

Generally known as Timbie IV, George is a good electrician and radiotrician. Is a promoter of Tech. activities and a member of the code class.



DOUGLAS BOYD

QUESNEL, B.C.

Doug excels in shop work and is Mr. Nelson's right-hand man. The by-word of the boys during shop hours is, "Anything you don't know, ask Boyd."



BILL BUSHELL

CALGARY

"Bush" is a former W.C.T.H.S. student. He is a woman hater. Practises necking on Jack Creasey during Chem. periods. Likes to bring his dog to school skating parties.



JACK CREASEY

CALGARY

"Hardtack" spends his time learning electricity from Jim Barnes. He is popular with the class. Has an ambition to own a pair of pliers which will really meet with Mr. Browning's approval.



TOM DODDRIDGE

CALGARY

Tom was the big noise in the Electrical class until his mouth-organ was thrown out the window. Has a habit of going to sleep in Math. and Theory classes.



BILL DUKE

VEGREVILLE

"Thermostat Bill," the ambitious athlete and electrician. He is a top-ranking member of the class. He is also an active member of Lindsay's tumbling and wrestling group. Belongs to the Choral Society. Secret ambition—to throw Lindsay.



BILL HAMMOND

CALGARY

Bill is a top-ranking student who knows all the answers to radio problems. He is a real hockey player, much valued on the Electric team.



LA VAR HARKER

MAGRATH

"Herky's" smile and personality are the foundations on which he will build his future. Favorite saying, "Gooley-gooley!" Favorite pastime—singing the "Volga Boatman" in the Choral Society.



DICK LARSEN

STROME

The wizard at matching coins. May be seen at all the Tech. dances. Likes all the good-looking dressmakers and art students. Ambition—to electrify the world.



DOUGLAS LAYCOCK

CALGARY

The well-known lad with the big bass voice. Always there to relieve the monotony of shop work. Likes hockey, rugby and boxing.



ALEC LETAWSKY

LAMONT

Sandy, "the blond Galahad," collects phone numbers and recipes. His startled, "Yumping Yimminy!" is heard at queer times and places. He'll go far, both with trumpet and pliers. Hobby—cooking.

ELECTRIC 1



JAMES BARNES

CALGARY

Jimmie is one of the better known Casanovas, of the North Hill. He is a hockey player. His chief occupation is teaching less fortunate students the elements of electricity.



ART. MILLER

MEDICINE HAT

He likes work but the gym. always seems to fascinate him. Likes boxing and baseball. Is always near the top of his class and is one of our leading warblers.



TOM MCINTOSH

CALGARY

Because of his generosity with his tools, he is a great help to E. 1A when they are A.C. winding. He has two loves, English and A.C. switch-boards. Occupation—oiler.



BOB OGDEN

GULL LAKE, SASK.

A cheerful individual of 19 years. Wherever there's Bob there's always a song. He keeps the slender waistline by playing hockey. Manages to absorb quite a share of education.



FRANK PATTISON

WEST SUMMERLAND, B.C.

Has a fond affection for the fairer sex. Is an amateur architect in spare time. Takes interest in all sports, and likes swing music. Ambition—to become a second Benny Goodman.



JOHNNY SCOTT

CORONATION

A lad from the country, who still marvels at the city's wonders—but the next Year Book will tell a different story. Life's greatest problem for him is to reach school on time.



J. M. SHOWALTER

CALGARY

Is the best electrician in E. 1B. He is also an expert hockey player but due to jealousy he is not permitted to excel in both.



HARVEY SHULTZ

BLOOMSBURY, PENN

He likes dancing with nice looking girls. Is bound to prosper. Would like to be a steam engineer but is doubtful if he could blow the whistle.



WILFRED SINITSIN

CALGARY

This little power-house of energy, ambition, will-power and concentration, is a believer in cream pie, recreation and a high class standing. Ambition—to grow.



ART STEVENSON

MCLENNAN

Hails from the Peace River District with a likeable personality. Ambition—to become a second Edison. Occupied during spare time as President of the Chemistry Club and member of the Symphony Orchestra.



BOB STORY

EDMONTON

Although he hails from the cold north, Bob brings with him a ray of sunshine which makes him everybody's friend. His one ambition is to synchronize his skating with his gum chewing.



ROSS TAYLOR

GALAHAD

Another budding electrician who hopes to become an Edison. Really knows how to get around a good meal. Is an outstanding basketball player.



RICHARD THOMAS

CALGARY

Richard likes bicycle riding better than English. It has never failed him yet. He doesn't care for women, dancing, or shocks. In the shop the generators keep him whistling while he works.



HAROLD TREVELYAN

CALGARY

"Hap" Trevelyan was born in Calgary in 1918. Has been trying to master Electricity and the Harmonica ever since. Entertains at the Lits with this gadget.

ELECTRIC 1



ELDRED UMBACH CARSTAIRS

Eldred is a good sport, likes dancing, skating, and baseball. Is a wizard with the slide rule and can do anything but cook eggs.



RONALD UMBACH CARSTAIRS

Ronald is younger than his brother but is smarter and does most of the work. His chief ambition is to get over liking women and to remain a bachelor.



TED WADSON RED DEER

Industrious and ambitious, Ted has an all-round likeable personality. Takes Electricity and Radio in first year, thus getting a good start on his road to fame as a Sound Engineer.



ROBERT WHITE CALGARY

Electric's "Man of the Moment," Bob is among our ideals. Hockey star "par excellence," student, ladies' man, and quipster—Bob really "rates." We expect to see your name in "Who's Who" some day, Bob.



KEITH WILLIAMS CALGARY

Quiet, unassuming, and likeable is Williams, who readily wins many friends, among whom we find several beautiful members of the opposite sex. His pet ambition is to live twenty-four hours a day.



ALAN WILSON CALGARY

Alan is a good-looking chap. He does not like the dances put on at the Tech. (them's fightin' words) but has a weakness for girls. He is a wizard at his studies.



MURPHY EUGENE WRIGHT VAUXHALL

"Murph" is shy in the presence of good-looking girls. He likes to play baseball. Comes from an Alberta ranch, as is revealed by his bow legs.

ELECTRIC 2



E. R. BARKER CALGARY

Hails from Maryland sub-division. Rejoined the ranks of Tech. recruits after a year's absence. His quiet and unassuming manner hides his great ability. Says his chief ambition is to own and operate a power plant.



RICHARD BENNETT MAGRATH

Got tired of the blondes of the south and came to Tech. looking for new fields to conquer. He found them. He was Social Chairman for the Fall Term.



E. BROOKS CALGARY

Brooks' main ambition at present is to corner the diploma. We all wish him luck. The Tech. dances are his chief entertainment but he is also known to support all Tech. sports.



PETE CHASE CALGARY

Pete floods our class with sunshine. His cheerful disposition and open friendliness make him popular everywhere.



JOHN FARNALLS HALKIRK

Returned January 3rd, 1939, to join the ranks of the B. & I. Class. Takes Math. each day with E-2. Has had only one late slip in three years. Motto: "Never say die."



R. J. FILIPKOWSKI VERMILION

Is a studious second year electrician who has proven his popularity by being elected class representative for the Winter Term. Takes great interest in the Symphony Orchestra and all school activities.



E. G. JOHNSON STROME

The handsomest man at the Institute and the No. 1 craftsman among the Electricians. Faithfulness and unselfishness are his outstanding qualities. Ambition—to get a degree in Electrical Engineering.

ELECTRIC 2



A. J. KOLAFKA

CALGARY

A cheerful fellow who goes without a hat. Liked by everyone. Kolafa will be an electrician—we hope. Ambition—to be a yodelling cowboy.



NEIL LINDSAY

BANFF

One of Tech's. "live wires." Served as President of the Students' Association for the Fall Term. Instructs gym. classes in tumbling and wrestling, and takes an active part in hockey and other sports.



DON LINEHAM

OKOTOKS

An industrious second-year Electric student. Is well liked by all. Never fails to return to Okotoks for the week-ends. We wonder what the attraction is. Is it the new car, Don, or - - - ?



TRYG MASSING

PONOKA

The popular electrician who really can handle executive positions. Was Class Representative for the Fall Term and President of the Students' Association for the Winter Term. Takes an active part in the Symphony Orchestra and leads the Electric Orchestra.



R. J. MOORE

THREE HILLS

He is a real electrician who will probably be another Edison. Is tall, dark, and handsome, and interested in running, pole vaulting, and girls. He is always quizzing the teachers. Ambition—to get to school without running.



R. A. MCCUNE

RED DEER

Bright curly-headed youth and clever mathematician. He is also good at figuring out the fair sex. Displays a scientific class of hockey. Favorite saying, "Yoo-Hoo—9 o'clock."



L. G. NELSON

LETHBRIDGE

Known around the Institute as "Chubby." He is well liked by everyone, especially the fair sex. Is a star goalie for our hockey team. His ambition seems to be to coach the Lethbridge Maple Leafs.



H. POILE

CALGARY

A good-looking young fellow who hopes to be an electrician some day. He spends his evenings skating with the ladies at the Athletic. His hobby seems to be radio.



J. R. SMITH

CALGARY

"Smitty" first shocked Calgary in 1917, and now aspires to become an electrician. He is a quiet, likeable fellow who is equally interested in blondes and electricity.



CLARENCE SORTOME

KIMBERLEY, B.C.

Clarence, a bright cheery chap, is an excellent puck-chaser for the school hockey team. Was Chairman of the Athletic Committee for the Winter Term. Is well liked by everyone, especially occupants of the second floor.



J. R. TAIT

CALGARY

Came back for a second year to take general electrical course specializing in conduit work. If he arises in the morning, eats his breakfast on the way to Clarke's house, pushes the car half-way to school and rides the other half, that's Tait.



W. R. TIMS

ABBOTSFORD, B.C.

A grand guy who really knows his electricity and badminton. Has a yearning to be an Electrical Engineer. He is not afraid of hard work.



C. W. TRIMBLE

CALGARY

This quiet and well-liked chap is one of those rare geniuses who asks embarrassing questions. Aims at being an electrical engineer. If he fails in this it will not be for lack of brains.



GORDON WATKINS

FOOTHILLS

"Slim" is an enterprising young electrician. He may be seen every Wednesday afternoon operating the spotlight for the Lit. programs. "Slim" is also a strong supporter of inter-class hockey and softball.

ELECTRIC 2



HANS ANDERSON

Hans, better known as "Andy," was Social Chairman for the Winter Term. He came from the "sugar city" hoping to become a radio "ham." He takes quite an interest in the social affairs of the Institute, particularly those on the second floor.



WALTER CASKEY

Walter is President of the Dramatic Club, and Associate Editor of the Emery Weal. Is a born leader. If there were more like him life would be happier for all of us. He is an expert radio man.



RICHARD DOWD

Richard came to Tech. to brush up on his knowledge of radios. He is a quiet and steady worker.



EINAR FARVOLDEN

Was Stage Manager for the Dramatic Club, and Literary Chairman during the Winter Term. He is a hard-working man who will not be content until he has completely mastered his subject.



D. H. GIBB

A wiring expert seeking higher learning in radio and armature winding. He is also a hard hitting defenceman on the school hockey team. Dislikes remarks about his car, but otherwise he is an all-round good sport.



A. GORR

Is a short handsome chap who glories in fixing radios. Stays away from the ladies. He doesn't know if he has any favorite saying—nor does anyone else.

RAYMOND

LANFINE

EYREMORE

SUGDEN

EDMONTON

ACME



JACK GREEN

Jack is a handsome young lad who stores an endless amount of knowledge about radios. Favorite saying, "Hold this, Sarge." Chief ambition is to make 100 in Maths.



NORMAN MACMILLAN

"Norm" the woman-hater. He has decided to take up cooking. He is the second edition of Mr. Young's walking encyclopedia. Sees all, knows all and tries all. Norman has been Trading Manager for the year.



A. W. MORRIS

Is a source of unbounded information. A radio "ham" operating station VE4ZZ. Interested in the Emery Weal, and is an all-round good fellow.



JACK SARGENT

Jack is commonly known as "Sarg." A tall blonde fellow, makes a good actress (Juliet). His main ambition is to take out other people's women, especially MacMillan's.



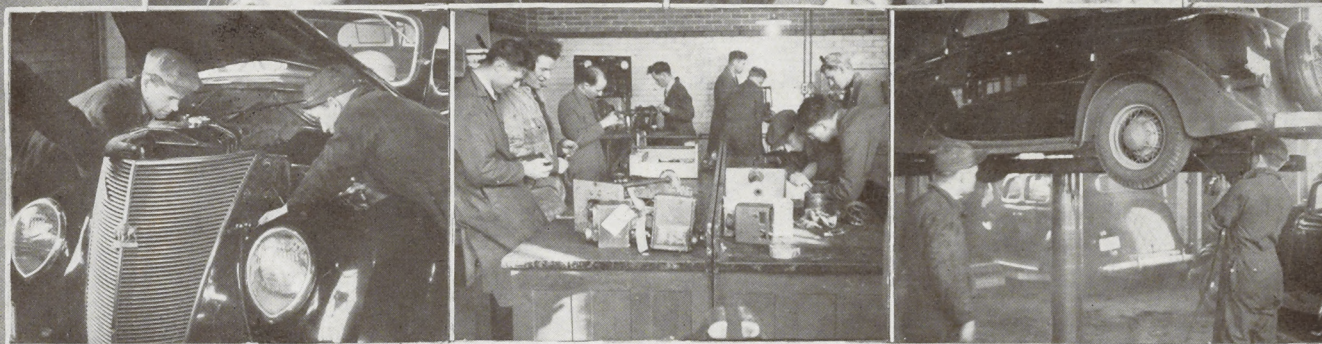
G. M. TYLER

One of our more brilliant students, who specializes in doing Mr. Young's mathematical problems. He would like to know how to play hockey. He is a good worker.

Dutch had been looking for some time at the Christmas cards on the counter when the saleslady suggested: "Here's a nice sentiment." "To the Only Girl I ever Loved."

DUTCH: "Yes, that's fine. I'll take five — no, six of those."

MOTOR MECHANICS



THE prospect for graduating students last year was very bright. Employment was found in their chosen field by all the third year group.

The present graduating group of students in this department, I believe, may look forward with confidence to a continuation of satisfactory conditions and a reasonable certainty of employment.

I hold this opinion because of a more widespread prosperity due to last year's crop conditions, and recent reports of busy repair shops at many country points. Employers have engaged a number of third year students this spring. They have come to the Institute because they were attracted by the satisfactory performance of ex-students in the realm of Automotive service, and whose excellence they had observed suggested the desirability of such an employee. One ex-student, now in business for himself, came to the Institute about the end of February to find a man to add to his staff of mechanics.

The student of Motor Mechanics who has Grade Eleven or Twelve, who learns easily, and likes car repairing work would do well to give thought to continuing his education after finishing Tech. by taking university work in engineering, preferably continuing at the work of car repairing during the summers and attending university during the winters.

Men with the background of experience and training indicated in the foregoing paragraph would have a good chance of securing employment with the automobile manufacturing and distributing concerns, with excellent prospects for advancement.

Students applying for jobs, in my opinion, should give some thought to selling their services. They should cultivate an attitude of quiet confidence, be businesslike, and radiate a willingness to work, avoiding argument and over-assertiveness.

The individual would do well, in many cases in making application, not to be specific in respect to the rate of pay at the outset, but rather secure the opportunity and an agreement that when established as an acceptable employee regular salary increases spread over a considerable period of time will be forthcoming.

The thoughts above expressed are coupled with the best wishes for all students of the Department of Motor Mechanics and the Institute at large. I have every confidence in your ultimate success, if you pursue, and keep ever before you as a motto, the words on the triangle of The Institute Crest.

C. A. CHOATE,
Chief Instructor.

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MOTOR 1



CYRIL BAMFORD

MIDNAPORE

Cyril was born in Midnapore, Alberta. Punched cows prior to coming to Tech. Hopes that some day he will be able to find a place for all the pieces of his Ford.



HAROLD BELL

HUGHENDEN

"Ding" is a popular lad who hails from Hughenden. Is a good hockey player. He was chosen Class Representative for the Winter Term. His favorite saying, "Watch the Fords go by!"



LAWRENCE BENT

LUNDBRECK

Former occupation — jeweller; present occupation—enlivening the shop with various doubtful jokes and pranks. Better known to all by his laugh rather than his face.



HAROLD BERSCHT

CALGARY

Sometimes takes his dad's car to school. He handles it like a tank. Berscht is very proud of the horn which sends forth its murderous note every time he sees a blond.



FRED BOULTER

OYEN

A good worker in the shop whose main ambition is to be a sergeant in the Canadian Army. Favorite saying is, "What say?"



JIM BRACE

TOFIELD

Jim is the boy who is always willing to oblige. His knowledge is almost unlimited. For advice see Jim Brace. He knows all and tells all.



JIM BURNESS

BURDETT

Jim came to Tech. to find out what caused the knock in the old Ford. An enthusiast for skating and badminton. His ambition is to own a motorcycle.



ALBERT CALVERT

WARSPITE

Albert, the fender filing romeo from the motor shop, divides his time between a certain little blond and boxing. Ambition—to die with his shoes on.



REG CLARK

CALGARY

Clark spends most of his class time drawing cartoons. Hopes to raise a beard like Crowder, fill Andy's overalls, and become a wrestler.



BILL COOPER

WINNIPEG, MAN.

Cooper likes to work on new Fords. He is quite a tease. Has a gift of explaining little things with many words. Bill cannot forget Ruby who resides in Winnipeg.



MYRON CRIST

VAUXHALL

Myron is the big noise who toots the Sax. in the orchestra. He came to Tech. to learn about cars and spends his time pestering the instructors with questions.



JACK CROWDER

EAST COULEE

President of the Chemistry Club for First Term. An expert jokester. His chief desire is to see the Miners win the Allan Cup. Would make a good shop foreman.



VIC DAMS

CALGARY

This hard-working youth was born in Calgary. Plays on the Tech. basketball team and class hockey team. Is active in Lit. programs. He plays the piano. Ambition — to be another Beethoven.



ROD DAVIDGE

EDSON

Rod is a whirlwind on skates. He spends much of his shop time recounting the events of the evening before. Finds time to do odd jobs in the shop.

MOTOR 1



K. H. DIETRICH

CALGARY

He is willing to help anyone in difficulty. Enjoys all sport and games. Patiently studies during spare time. His motto is: "Never waste leisure time."



VERNON FINDLAY

RILEY

A hardy Scot who resolved to loosen his purse strings and come to Tech. Excels in Chemistry. He is the stalwart goalie of our hockey team.



BERNARD HEGI

CHANCELLOR

Barney, with 190 pounds of brawn and muscle, specializes in starting cars and testing them on Tenth Street. Ambition—to wrestle the "Red Shadow."



ORVILLE HERMAN

LOMOND

Orville decided to desert the farm and become a motor mechanic. He is a genius with tools. His chief interests are boxing and dancing. Ambition—to grow up.



MARTE HOWATT

CALGARY

Known to everyone as "Howatt." He is a good-hearted youth of the silent type. Gets a great kick out of Clark's wise-cracks. Tries very hard to keep his hands clean in shop.



LEONARD JEFFERY

CALGARY

A Calgary boy ambitious to become a motor mechanic. He plays lacrosse, hockey and base ball. A popular boy in the Motor Class.



JAMES KELLY

WAYNE

Jim came to Tech. to find what makes a motor tick. Has a habit of making high marks. He is a good cook.



ARTHUR KOO

CALGARY

Art. left Western and came to Tech. to take Motor. His chief interest is in visiting the Cafeteria.



HARRY KROKOSH

STRY

Harry is a quiet chap with a big heart. Plays the fiddle but we don't hold that against him. Knows some fancy dance steps. Is an expert mechanic.



JOE LAWRANCE

SUNDRE

The tall dark motor mechanic who faces all difficulties with a smile. He resents bending down to the gunk tank when washing cylinder heads. Chief ambition — to become heavy-weight boxing champ.



JOHN LUCAS

ARMADA

Formerly a farmer in the dried-out area. His ambition is to be a motor mechanic. Chief interests are dancing and boxing. He is a jolly true friend.



ALEX. LUNG

CAYLEY

A hard working mechanic who specializes in straightening fenders. His ambition is to be a designer of Baby Austin bodies.



EDWARD MARTIN

BANFF

Comes from the sunny side of Banff. He is very busy during the summer keeping tourists off the golf-course. He is also a great ladies' man. His ambition is to go into the fisheries business.



PETER MOMOTIUK

KENORA, ONTARIO

Came west to make good as a mechanic and has succeeded. Wishes piston-rings were made to stretch, not to break. Conscientious about his home work and Annie!

MOTOR 1



TONY MOMOTIUK KENORA, ONTARIO

If only action could replace his words; if only looks could replace his thoughts! Tony has made many friends at Tech. and we all wish him well.



HARRY MUDRY THORSBY

Harry's ambition is to be an expert Motor Mechanic. Hobbies — R.C.C.S. and outdoor sports. Wishes for an automobile that will not rattle like a bull in a tin barn.



ANDREW McDOWELL CALGARY

Andy prefers Motor Mechanics to anything else. We expect big things from him. He is diligent in everything he does.



GEORGE NASADYK CROSSFIELD

The wandering boy, who stopped at Tech. to gain knowledge. He is very active in the Lit. programs, especially as a female impersonator.



WESLEY NOLAN ETZIKOM

Came to Tech. with hopes of being a mechanic. He has many ideas, but sometimes has trouble applying them. He enjoys baseball and skating.



JUD PICKUP CALGARY

Jud is a very popular lad with great ambitions to become a Motor Mechanic. His hobby is Art and he takes keen interest in sketching real life.



MIKE PLADYCHUK CALGARY

Mike is a curly-haired hard-working six-footer, whose only ambition is to own and operate a garage. Likes to stand on corners and watch the ladies in Fords go by.



WILF PROVOST RED DEER

Wilf hails from Red Deer. He is a bronze stalwart mechanic famous for his wise cracks. Won great fame with the Dressmakers. He joined the army to keep out of trouble.



FRANK RIMMER OKOTOKS

Frank came to Tech. from Okotoks. He is a good student. His hobby is thinking up wise cracks to put on his shop card.



HOWARD RODGERS LOMOND

Howard's ability to remain pleasant when in difficulties with a repair job has made him a pal of all who work with him. He is ambitious to be a "Hill-Billy" singer, but finds motors and song won't mix.



CECIL RODGERS LOMOND

Cecil is a very likeable chap. Is sincere in his work and plans to become a first-class mechanic. He enjoys dancing, but skating double is his main pleasure.



JOHN SAWARYN MYRNAM

He is earnest, quiet and thoughtful in his ways. Ambition—to be a good mechanic. He excels in fender work. John is a good violinist.



PETER SAWCHUK MYRNAM

Journeyed from Myram to Calgary to become a mechanic. Hobbies are singing, playing the violin, and dancing. His ambition is to own a large garage.



ALBERT SCHAUPP CALGARY

Well known among the students for his humor. For some unknown reason he finds that the longest way around is the shortest way to Tech. His pet hobby is collecting phone numbers.

MOTOR 1



HARRY SIMON

RED WILLOW

This husky farm boy keeps teachers hopping with his lively questions. He is a nimble-fingered violinist and can roll a cigarette in 25 seconds. Ambition—to learn to truck.



JIMMIE SIMPSON

BANFF

Jimmie Simpson from Banff, takes a joke at any time and is "happy about the whole thing." He would like to start a bungalow camp at Bow Lakes.



NORMAN SPROTT

SIBBALD

A hard-working popular student. Is very quiet and consequently can spend a lot of time under a car without being missed.



DICK STANGIER

STRATHMORE

This tall, dark, and handsome baritone came to Tech. to study the fairer sex, with Tractor and Motor Mechanics as diversions. A great hockey enthusiast. His cheery disposition makes many friends.



ROY TAYLOR

COALDALE

Ranks first in the Motor group especially with the instructors. Has good intentions of becoming a Motor Mechanic. His ambition is to rival his Hollywood namesake in the Dress-makers' eyes.



JOE TENNANT

COUTTS

Joe, the ardent bicycle rider, came to Calgary in 1938 to learn about Motor. Joe hopes to be able to buy "a bicycle built for two." We would recommend a car.



HERB TODD

OYEN

Herb's great aim is to be a first-class mechanic and is working hard towards that end. Trains with the Engineers at the Armories



PETER TRYNCHUK

MYRNAM

Peter takes a great interest in Motor Mechanics and is well liked by his fellow students. Is industrious and always willing to give a helping hand. Ambition—to be a good Motor Mechanic.



LEONARD VOISEY

CHAMPION

Leonard is Motors' ace mathematician and Council Representative. Pet saying, "Don't buy it up-town; I can get it for you wholesale." Truly a champion amongst champions.



JOE WARREN

CHAMPION

Came to Tech. to study Motor but hates the thought of straightening bodies. Thinks a lot of his '28 Pontiac and more of his cookie duster.



STANLEY WNUK

CAMROSE

This ambitious young mechanic hails from Camrose. Stan was a confirmed bachelor until he sampled his own cooking. He is noted for his individuality in dancing the Lambeth Walk.

WHAT IS SUCCESS?

By O. M. JULSON

Success is speaking words of praise,
In cheering other people's ways;
In doing just the best you can
With every task and every plan.
It's silence when your speech would hurt,
Politeness when your neighbor's curt;
It's deafness when the scandal flows,
And sympathy with other's woes.
It's loyalty when duty calls,
It's courage when disaster falls,
It's patience when the hours are long,
It's found in laughter and in song,
It's in the silent time of prayer,
In happiness and in despair,
In all of life and nothing less,
We find the thing we call success.

MOTOR 2



ROBERT CAMPBELL

LOUGHEED

Robert Campbell hails from Lougheed. Is a first-class magneto and battery man. His ambition is to own a Willys 77 without valves.



C. R. CARROLL

CALGARY

Carroll was born in 1920 in the town of Nevis, Alberta, later moving to Calgary. He is very studious in school and if he keeps up the good work, will be a first-class Motor Mechanic and Battery expert. His favorite sport is soft-ball.



JACK HENINGER

AETNA

Jack is one of the few boys left from Motor 1A. He thinks that highways should be speedways. Whether working or driving, he likes to see dust fly.



ANDREW KINASEWICH

CALGARY

Born with both eyes open and thirsting for knowledge. Believes the world is made for him, so well does he succeed in any of his undertakings. Andy is a very clever and popular student.



ARCHIE KLAIBER

LITTLE PLUME

A small town boy hoping to make good in the automotive trade. Judging from past work done here he should succeed.



ROBERT LOVEDAY

CALGARY

A second year student with a thirst for knowledge. Made very high marks last year and promises to do better this term.



A. W. LUEHR

TABER

A congenial fellow who really knows his motors and generators. Favorite saying, "Hi, there!" Ambition—to become a successful Mechanic.



W. F. METGE

MACLEOD

A tall stately lad. Is noted for his studious attitude, and his success as a motor mechanic. Will go far in this work.



MERV. McCUNE

RED DEER

"Red Deer's the place," says Merve. Specializes in lead burning and Ford generators. Ambition—to be a perfect bachelor.



A. E. RUTZ

CALGARY

One of our battery specialists whose greatest ambition is to build a satisfactory battery. Takes active part in all sports and students' affairs.



E. A. SOOLE

BANFF

Greeted his parents with a big smile in the fall of 1918. He came to Calgary to learn mechanics and hopes to be a master of the trade. Owns a motorecycle.



H. L. SPAETH

VULCAN

The blonde tornado of the Motor II class. Is he good-looking? Shows marked ability as a mechanic. Hopes to own the largest ranch in the West.



M. H. TORRIE

GRASSY LAKE

Torrie is a lad who says little but does plenty. His pet hobby is lead burning. Likes to hear a generator sing a merry tune.



ALLAN WATERS

COUTTS

Allan has an affinity for red colors. Amuses himself by talking with a foreign accent. He works diligently; has the makings of a great mechanic.

MOTOR 2

STAN WOOD

CALGARY

Smiling Stan took a course here last year, but came back to increase his knowledge. His happy disposition and engaging personality makes him popular with both students and teachers.



G. E. WOODS

CALGARY

Has been a resident of Calgary for the past 19 years. He is a promising Motor student. Hopes to become a test driver for General Motors Corporation



THE DANCES

ALL the dances so far this year have been very successful. The greatest difficulty has been in accommodating the large crowds. Despite the rather congested hall, however, the dances have probably been the most enjoyable social events of the year.

The opening dance, which was held in October, showed the Tech. spirit of enthusiasm.

The Christmas dance attracted the largest crowd of the year. Prizes, decorations and novelties added color and a Yuletide atmosphere to the festivities.

The first dance of the Winter Term was open to all. The size of the crowd at this social caused the executive to change the policy with respect to dances. As a result the second dance of this term was open to only Tech. students and their partners. The students co-operated excellently to make it an outstanding success.

Several more dances will be held before the close of the year. Tech. students are asked to continue their support.

Due to the co-operation and support of the executive these socials will be pleasant memories for many years to come.

VALUE OF A SMILE

The thing that goes the farthest toward making life worth while, That costs the least and does the most, is just a pleasant smile. The smile that bubbles from a heart that loves its fellow-men. Will drive away the cloud of gloom and coax the sun again. It's full of worth and goodness, too, with many a kindness blent. It's worth a million dollars and it doesn't cost a cent.

There is no room for sadness when we see a cheery smile. It always has the same good look — it's never out of style. It nerves us on to try again when failure makes us blue. The dimples of encouragement are good for me and you. It pays a higher interest, for its merely lent — It's worth a million dollars and it doesn't cost a cent.

A smile comes very easy — you can wrinkle up with cheer, A hundred times before you can squeeze a soggy tear. It ripples out, moreover, to the heartstrings that will tug. And always leaves an echo that is very like a hug. So smile away, Folks, understand what by a smile is meant — It's worth a million dollars and it doesn't cost a cent.

TECHNICALLY SPEAKING

BY HAROLD CASSAN

IF you frequent the third floor you are apt to be "framed" by some Art student who has "designs" on you. On the second floor beware lest the Dressmakers "hem" you in and tell you what a cute little "sew and sew" you are. In the Electrical shop you may be "shocked" by "bare wires." Tread softly in Battery and Ignition or you'll be "charged" for being there while if you venture into the Welding class they'll make a "torch-bearer" of you. If you more than glance into Motor Department they'll "overhaul" you, so scam down to the Tractor room but beware of the "cats." Machine Shoppers will "turn you down" so ignore them. Step out to the Blacksmith shop and witness some legal "forgery," but don't lose your "temper" if they make it hot for you. Peek in at the Modelling Room but be ready to duck because they will be busy "throwing pots." Don't give the Aeros a second glance or they will "take you up." The Drafting Department will be pleased to "draw up plans" for you, but tell them you must hurry on to "tune-in" at the Radio Room or to talk "shop" with General Shop.

A JUNGLE TALE

Along came a big she-elephant trudging through the deep, deep jungle of the darkest Africa, when presto! she heedlessly stepped on a mamma partridge just a few inches from the nest of the little partridges. The kind-hearted she-elephant saw what she had done, and, having babies of her own who sometimes felt very cold, she felt very sorry for the little birds and sat down over the nest to keep them warm.

CLOSE SHAVE

BUNDY: "Well it is like this — I wouldn't have parted with that moustache for anything but you know how crowded it is at my boarding house. This morning five of us were shaving in front of the same mirror at the one time, and somebody shaved my face by mistake. I wouldn't have noticed at the time but when I saw my razor draw blood without me feeling it I knew something was wrong."

MOTOR 3



J. O. ANDERSON

TURNER VALLEY

Hails from Turner Valley and is known in Motor III as "Swede." Is quite a lady-killer and a hockey fan. Believes that the Oilers are going to win (about 1945) the Allan Cup.



JOHN DALGAS

NELSON, B.C.

John was born in Folkstone, England, and came to Canada 20 years ago to see what the Indians looked like. Much to the Indians' disappointment he came to Tech. to learn Motor.



J. N. DIDUCH

MUNDARE

A pleasant, good-natured man, and a good mechanic. His ambition is to invent a radio that will operate on exhaust pipe fumes.



JACK GOODEY

RED DEER

If you ever go down town with Jack, you will have to wait on every corner, while he talks to some girl. He seems to enjoy "batching." We wonder why.



ALEX GRAYSON

MEDICINE HAT

Alex is tall dark and handsome and is well liked by the ladies. His grand sense of humor makes him popular with the class. Ambition—to become a jitterbug.



SAM HUCULAK

WHITFORD

Sam is a mechanically-minded student who is completing his Motor course. He receives long letters at regular intervals. From the shining happiness in his eyes, we conclude that they are from his mother.



ROLAND MEUNIER

CANOE, B.C.

Roland was born on the west coast. He is known as Motors' "Yodelling Cowboy." He is always tinkering with radios.



M. W. MILLER

MEDICINE, HAT

Another mad "Hatter." Slim likes snooker and is no slouch with a cue. He missed the bus to Powder River and has been trying to catch one ever since. His big ambition is to beat McCutcheon at a game of pool.



CHARLIE MCNEILL

CAMROSE

Charlie was born in Nova Scotia, but now lives in Camrose. He is an efficient Ford Mechanic. Charlie is an extensive reader and consequently an interesting talker.



LEWIS NORTHEY

RED DEER

Born in Red Deer. Lewis is well liked by all his classmates, and is an expert mechanic. He left his heart in the home town, so you may as well give up now, girls.



NORMAN PENNOCK

ELNORA

Norman is a master-farmer from Elnora who came to Tech. for three terms to learn Motor Mechanics. He is an ardent hockey fan, and also plays for the class team.



ARNOLD SPENCER

MEDICINE HAT

Arnold has lived in Alberta since December 21, 1917. He likes body work but is very quiet about it. Hobby—cooking hamburger steak.



A. M. VENUS

DELIA

Venus is the boy who invites his friends to ride in his Essex but does not forget to collect for gas. His ambition is to find a good-looking "red-head." (Caution, my lad!)



ALBERT HAWKINS

CRAIGMYLE

After an absence of a few years Albert has returned to complete the Motor course. He has built a snowplane and is now working on a carburetor from which he hopes to get forty miles per gallon.

BATTERY AND IGNITION



LYALL HEMM

CALGARY

Lyall is one of the outstanding members of the Battery class. He is very generous with his notes. We all know him as a true friend.



WILFRED HOLDERSHAW

MANYBERRIES

Wilfred comes from Manyberries. He is the neatest boy in the B. & I. class. He always wears a sunny smile.



REX HOPKINS

GRASSY LAKE

Rex is a very quiet young fellow. He is most popular with the fairer sex. His favorite saying is, "Oh, not so pretty bad."



CHARLIE HUTCHINSON

CALGARY

This tall, dark, handsome young fellow has many ambitions. He hopes to become president of a large business concern. He likes skating. Much of his spare time is devoted to reading.



FRANK KOWALSKI

LETHBRIDGE

Frank likes skating, but not alone. His ambition is to become manager of Gordies' Auto Parts. Favorite topic, "The Girl I Left Behind Me."



ODDMUNN MOE

MORRIN

Oddmunn is a tall brown-eyed blond who has an ambition to become a mechanic. His present occupation is tearing batteries apart. He has a decided dislike for street cars.



WILLIAM NAZAREK

CAMROSE

Bill batches and hates it. His past occupations were fishing and logging. His favorite sport is hunting. Bill is determined to own a garage and to find a good cook.



ANDREW PELECH

STRY

Andy is a pleasant chap with a wonderful sense of humor. His favorite sport is chasing coyotes in his V-8.



CLINTON RYE

OKOTOKS

"Clint" is tall, dark and handsome, and has his own way with the ladies. His favorite day is Sunday. You guessed it—he is never absent from church.



RULON THOMSON

MAGRATH

Rulon is a sweet lad from the sugar beet country, and is a professional beet-topper. Though dark and handsome, Rulon loves a stag party.



HELMUTH WIEBE

ROSTHERN, SASK.

Is a chap with whom it is easy to get along. Tells many "tall" stories. Spends his noon hours haunting the library or hunting the girls.



W. F. WUERFEL

BURSTALL, SASK.

Statistics—born in Germany; 25; married. A go-ahead fellow who means business. Drives an oil truck to keep the wolf from the door. Hobbies—music and singing.



ROBERT McCULLOCH

ACME

Robert was born in Killarney, Manitoba. Worked as a "skin-pounder" for an orchestra. He works in a garage in Acme when not attending Tech.



J. A. LOVE

VULCAN

Born among the rocks of Eastern Canada, Love came West to stay. He is attempting to improve his education by attending Tech. Is a good B. and I. man. He took welding in the Fall Term.

TO THOSE WHO GO, FROM THOSE WHO STAY

BY F. G. YOUNG

IN a few weeks the Institute will be closed for most of the Winter courses and you will be leaving for many points in Western Canada. Some of you, having completed your courses, will leave to return only for those brief visits to the School that we all hope will be part of your program while in Calgary. You are leaving with high hopes that you may be given the chance of putting to use the training that you have received here. May realization of these hopes be even greater than your expectations!

The buildings will take on a rather deserted appearance. Street cars will begin to run on schedule, ailing mothers will rapidly recover, alarm clocks will start to function as they should and autos will start in the morning with renewed vigor, for there will no longer be need for excuses for lateness and absence. The halls will no longer echo to the sweet nothings of gallant Don Juans and fair Cleopatras and the bells will cease their constant summons to class.

But there are those who remain, those who see this exodus of students year after year. In a different manner, the staff is affected by your departure. You may think that their reactions to you is something like that of the workman watching a car leave the assembly line of a large factory. But such is not the case.

Before the advent of the machine, the craftsman had a very definite interest in his product. In many cases he would refuse to part with his creation unless he was assured that it would be used by one who recognized its worth. In somewhat the same manner the instructor follows the future of the student and perhaps has greater hopes for his future than the one leaving has for himself. For the teacher feels that, like the craftsman, he has been able to help fashion the learner's powers in order that he may meet the tasks of the world with better advantage.

What have the Instructors been trying to do during your stay at the Institute? In the first place they hope that you have developed some skills with your hands or that you have been led to see that the particular work that you have been attempting is not suited to your abilities. You are not now masters of your trades, you are not finished workmen, but you have been given the foundation on which it is hoped you will have the opportunity to build in the future. You may think that you have been a failure, but perhaps you have been attempting the wrong course. You are quite capable of doing something else and your stay here may have taught you that. Although you proved to be unsuited as a motor mechanic, you may have qualities that are needed for a good car salesman.

There is the hope that you have realized the necessity of having some knowledge of the "Why" as well as of the "How." To advance in skill requires a background of theory, otherwise one goes on doing the same old thing somewhat as is done by the trained bear. Perhaps you have seen the need for the reading of your trade journals in order that you may keep up-to-date. You may have learned that it is not necessary to try to remember everything but to get the habit of looking up reference material and to keep a record

of those items of interest that you have run across so that they may be available later.

Through the various student activities it is hoped that you have made use of the opportunities offered to gain confidence in working with your fellow students. Although your future in your chosen occupation is of vital importance, much of your success will depend on the manner in which you can work and co-operate with other people. Perhaps this has been developed in your participation in some team sport. There you all realize one must have team play, and the individual star does not make the team. So is it true in industry; the business is a success to that extent that all employed, from the president down to the latest hired workman, work as a team.

Through such activities as dramatics, the Association and others that lend themselves to oral expression, you have been given the chance to overcome that natural shyness that sometimes hampers one in giving a prospective employer a good impression of one's abilities. You will have to sell yourself to industry just as a salesman has to sell his goods. You may have a good line of merchandise, that is your own talents and training, but unless you can present this to one who may want your services so that he may realize your worth, you may have to "peddle" your wares for some time before you can become established.

Both in your studies and in your other activities, you have been given many jobs to do. Some of these have been pleasant and interesting, some have been unpleasant and very tiring. It is hoped that you have learned to do these with equal diligence and have realized that when a task is once attempted, it must be completed and that you must be reliable in whatever you are given to do.

You have been given the opportunity to meet your fellow students in the various social events of the Institute. Perhaps you have had some active part to play in the planning of these. Often the ability to mix socially with others, plays an important part in a person's success. There are certain courtesies that must be remembered and thoughtlessness in regards these may sometimes hinder one's promotion in business.

In a nut shell, it is hoped that your stay at the Institute has helped you to develop yourself in order that you may fit in that much better in your environment. No school can put anything into you, but it can train the talents that are yours before you come within its influence. The farmer cannot put life into the wheat seed but he can prepare the soil so that the plant gets a chance to grow. After that, the plant has to take care of itself.

We who remain behind do not look upon you as so many sausages going from the sausage grinder, but your future careers are of great interest to us. We hope that you will remember this and let us know how you are getting along after you leave us. Perhaps the greatest compensation the Institute has is the word from some former student that he is making out well and has been able to make use of the time spent with us to the extent that we hope for you. So from those of us who remain, to those of you who are leaving, is given the old "Good luck! and we'll be seeing you."

TRACTOR AND FARM CONSTRUCTION



THROUGHOUT the years gone by, the Tractor and Farm Machinery Department of the Institute has had a varied experience. From 1920 until 1929 we witnessed a gradual growth until a term enrollment of 425 students was reached. In 1932 the classes were discontinued.

Again in 1935 a Diesel class was started as a result of considerable demand for this class of training. Two years later the Farm Construction class was re-opened. In the fall of 1938 the Tractor class was reorganized. The total enrollment of the three groups is now over 130 students. Possibly no other classes in this

institution are affected by crop conditions as is this department. The ability and progress of this year's students are about the average of the students of past years.

We would like to take this opportunity to acknowledge the splendid co-operation of the Tractor and Implement Dealers of this city in keeping us supplied with suitable material to aid in this type of education.

T. A. HEDLEY,
Chief Instructor.

TRACTOR



CHARLEY ANDERSON

CALGARY

He was born in Alberta 18 years ago. Is ambitious to become a good mechanic.



MAC BAMFORD

MIDNAPORE

Was born in Preston, Lancashire, England, coming to Canada in 1910. He is now farming in Midnapore District. He thinks hockey is the greatest sport.



ALEXANDRE BEAUDET

MUNSON

Saw light for the first time in Quebec in 1919, about 19 years ago. Enjoys skating. Is a dyed-in-the-wool heart-breaker.



C. D. BECK

DUCHESS

Known as "Casanova" to Art 1. Carl is from Duchess, Alberta, and is interested in teachers and tractors. He is a typical example of the regular Tech. student. His ambition is to be a cattle-feeder.



W. H. BELL

BAINTREE

A very lively lad from Baintree. He chose farming for his occupation and then came to Tech. to learn what makes tractor wheels revolve. He is a very keen hockey fan.



KEITH CHISHOLM

BARONS

Keith, "the old reliable," likes nothing better than to work on a Pacemaker. His chief ambition is to know something about tractors. He is also interested in blondes.



KEN CLAYTON

CALGARY

Ken has a decided weakness for blondes. He is an active sport who participates in hockey and softball. He hopes to reach the National Hockey League.



P. F. COWELL

VULCAN

"Punch" is just another hombre from the prairies who came to Calgary to find a nice senorita. He seems to be succeeding.



LLEWELLYN DAVIS

ACME

Was born in Acme in 1918. He came to Tech. for five weeks last year and decided it was all right. He came back for five months this year and still likes it. He will probably come for five years next time.



E. G. DUPONT

DIDSBURY

Is a hard-working and studious lad from Didsbury. His ambition is to be able to put shop tractors together as well as to take them apart. He played hockey on the Tractor team.



DICK HUNTER

PARKLAND

A good man in the shop but would sooner sleep during lectures. Likes city girls, but is true to the one back home. His ambition is to land a soft job.



BILL JENSEN

AETNA

Likes basketball, and plays on the Tech. team. He is a fine fellow and a good mechanic. His favorite song is, "The Shirt My Mother Made For Me."



H. R. JOHNSON

DELACOUR

Came to Tech. to learn electricity but changed his mind. He is a good-natured and studious fellow who wants to be a good mechanic. He dislikes both ladies and dances.



KEN KIRKVOLD

TABER

Ken is a happy-go-lucky fellow who is interested in brunettes and tractors. Is popular with all his classmates. Ambition—to be a tractor "trouble shooter."

TRACTOR



BERT KONYNENBELT

NOBLEFORD

Bert is a studious boy who never gives up when the going is tough. He is well liked by his classmates. His favorite sport is hockey, but his chief interest is in the fairer sex.



ART KURPJUWEIT

MEDICINE HAT

Art is a farmer's son and proud of it. What he knows about tractors and ladies would fill a book. Vows that he will be a master farmer in the near future.



BERT LAURIN

BROOKS

Bert is a hard-working, popular lad from Brooks. His main weakness is women, particularly "school-marms." His ambition is to play a shut-out game for the Tractor hockey team.



W. J. LAYCOCK

CHESTERMERE LAKE

Hails from Chestermere Lake. He is well liked by all who know him. Divides his time between dancing and sports. He is a member of the Tractor hockey team, and is a star baseball player.



L. S. MOORE

DIDSBURY

"Toots" was born in Didsbury in 1917, but moved to the Peace River country. He is a very good student who is attempting to learn everything about tractor construction.



JIM NESBITT

CALGARY

This "Son of the Sod" tried schools in Bassano, Brooks, Edmonton and Calgary, before sampling Tech. Has a cheerful disposition but is wary of the ladies. Hopes to become a wheat king, and probably will.



MARK NORTON

VERMILION

Mark was born and raised in Vermilion. He is the class "Beau Brummel;" is well liked by the ladies, but he is a real "man's man." He is shadowed by Dupont in the shop.



BILL OSTAFICIUK

VAUXHALL

Bill delights in aggravating the instructors and consequently gets many lectures. He is a cheerful, ambitious student. He is known by his cheery "Good morning!" Bill hopes to find employment in the Vauxhall garage.



WINSTON PARKER

MIDNAPORE

Only his good nature prevents Winston from wrecking the old tractor at home. He hopes to fix it some day. His ambition is to learn to yodel and play the guitar.



FRANK RABUSIC

RAYMOND

Frank is a prudent, discreet, industrious fellow. His ingenuity points to a successful career. He has been known to take "time out" from work to pursue another love.



JOE ROBERTS

WOOLFORD

Joe hails from Woolford and is very popular. He tells jokes in the shop and talks to the fair sex in the halls. He plays basketball for the Tech. team. Joe has been prominent in Composite Lits.



CECIL ROBINSON

LETHBRIDGE

Cecil seems to have "that certain something" which attracts ladies. We hope he will be able to get along as well when he leaves Tech.



KENNETH ROE

WOOLFORD

Just another stubble jumper who decided to take a holiday from the farming racket, so came to Tech. to spend the winter. He'll make good though, if he lives long enough.



GORDON ROWLEY

ACME

Gordon holds the heavy weight boxing title of the Institute. His greatest ambition is to defeat Joe Louis. He is just another "white hopper."

TRACTOR



NORMAN RUSSELL

"Norm" is a hard-working student who is taking Tractor as a side line. His greatest ambition is to coach a ladies' hockey team.



E. P. SPAETH

Was born in Ohio in 1920. He listened to the advice of Horace Greely: "Go West, young man, go West." His favorite sports are golf and softball. His ambition is to see this world before the next.



LARRY SPEERS

A good mechanic, who is pleasant to work with. Weakness—a five-foot-six red-head. Ambition—to retire.



HARRY STANGER

Harry is the good mechanic who can be heard singing, "The Shirt My Mother Made For Me." He is a very popular student who is always ready with a good story.



CECIL TAYLOR

He is an excellent tractor man. Always wondered how the boys skipped classes without getting caught. He discovered that the only way to find out was to try it himself. Met with moderate success.



WILMER TETZ

Dark-haired young gentleman who hails from Beiseker. Doesn't say much but seems to get a great kick out of spinning Caterpillars around. Ambitions—doubtful.



TONY TOMSHAK

Tony was born in Clairmont and he still likes the north country. His ambition is to own and operate the best tractor in the Peace River country.

ROWLEY

VULCAN

SIBBALD

MUNSON

BARONS

BEISEKER

CLAIRMONT



DICK WELCH

He is a good sport who played hockey with the Tractor team. His chief ambition is to travel. He likes farming but believes that there are better jobs.



BERT WIDDOP

Better known as "Musical Bert," Loves to play trumpet music to the class. He is a clever, intelligent worker. Says he is a woman-hater, but is known to have an interest in a nurse.



ELMER WILDE

Wilde is his name, but not his nature, only because of his small stature. Here's a tip if you want a friend: "He'll stick with you from beginning to end."



I. T. YOUNG

He is a quiet modest person. He is studious by nature and is very keen to learn the "whys" and "hows" of anything new. Is not very active in competitive sports.



ALFRED GOUGH

Fred, alias "Slim," is a member of the school basketball team. He will do all right for he is already well up in the world.



ALEX MCBAIN

Alex was born in Calgary. His ambition is to learn all about tractors. His hobby is boxing.



H. A. MICHEL

Is a farmer who believes that there are better jobs. He takes his work seriously, but also gets his share of fun out of life. He is a very pleasant fellow.

CHESTERMERE LAKE

ETZIKOM

WELLING

GRAINGER

CARSTAIRS

CARSTAIRS

CROSSFIELD

FARM CONSTRUCTION



JOHN ACHTYMICHUK VERIGIN, SASK.

Saskatchewan gave us this good-natured fellow who takes great interest in his work. Does his best work in the blacksmith shop. Has a weakness for dark damsels.



DALE BARROWS MILK RIVER

Dale Barrows is an accomplished young fellow with brown eyes and curly hair. He is a real ladies' man. However, Dale is far more interested in his work than in the fair sex.



HARRY BOLANDER BEARBERRY

Is a very honest and energetic person in every respect. He is quiet and industrious. We have high hopes for Harry's future.



FRL BROCKLEBANK HIGH RIVER

A happy-go-lucky fellow who generally has a good time. Will be a "Master Mechanic" before leaving Tech. He is a good actor and a budding debator.



RALPH BROWN ACME

Ralph, alias "Bud," Brown is a dangerous character where ladies are concerned. His theme song is "Margery." His pastime "Margery." Favorite saying, "Margery." His ambition, "Margery."



VERNON CALDER ADEN

Vernon hails from the sunny southern part of the province. This is reflected in his disposition and in his infectious laughter. Secret ambition — to score a knockout against Joe Louis.



GARRY CURRIE DRUMHELLER

Hails from Drumheller. He is a tall dark chap with a friendly smile. Garry plays the piano accedician. Immediate goal — to be an A-1 mechanic.



AUSTIN DEVINE DELIA

Austin Francis Devine, commonly known as "Pat," is a very energetic fellow who takes to his work as if his life depended on it. Can be seen on Eighth Ave. almost every night.



WALTER DORCHAK ENCHANT

Walter takes his work seriously. He is bound to succeed as a tractor mechanic. His diversion is hockey and he takes an active part in the sport.



FRANCIS FENNESSEY DELACOUR

This young man has but one love—hockey. He plays on the Tech. team as well as the Farm Construction team. He likes dark girls and apple pie.



DON FITZPATRICK PINCHER CREEK

Don is a very good mechanic. He is a rancher and farmer from Pincher Creek. His favorite sport is baseball. Don left before the close of the term.



FRANK FRASER HIGH RIVER

Frank is an authority on anything pertaining to farms and machinery. Insists that really worth-while dances last till at least five o'clock in the morning.



J. R. GREEN BLACKIE

This lanky young product of the foothills region excels in creating brawls in the corridors and in scoring high marks in examinations. Hobbies—matching coins and reading Ranch Romances.



GORDON HALL GLEICHEN

Gordon comes from north of Gleichen. He is an enthusiastic hockey player. Gordon has been known to ride on the back of a street car, but admits that it is more comfortable inside.

FARM CONSTRUCTION



ALBERT HENRY

LEGAL

His main attraction at Tech. is in the Art 1 group. His second interest is the tractor shop. When these interests are reversed, success will be yours Henry.



COLIN HOGG

DIDSBURY

Colin is a hard-working member of the Farm Construction class. His favorite exercise is walking to 30th Avenue. He does this twice each week. You should "raise it five," Colin.



J. D. HORRELL

HIGH RIVER

A hard-working student with a strong sense of responsibility, who never fails to give his best in anything he undertakes. He has a real "flare" for acting.



BOB HUMMEL

MILK RIVER

Bob Hummel, was born and raised at Milk River, Alberta. Spends most of his spare time in Calgary at 4th Street N.W. What's the attraction, Bob? Favorite pastime is imitating Wilf Carter.



WALTER JENKINS

PINCHER CREEK

Is commonly known as "Walt." He is full of fun and has a smile for all the pretty ladies. He hopes to become a first-class farmer some day.



WESLEY KUEHN

WARNER

This handsome chap from Warner has an extensive education. He has diplomas from the O.S.A. and Garbutts' Business College. Wes. is well liked by all. He says that the nights show stars and ladies in a better light.



BOB MILAN

THREE HILLS

Bob comes from Three Hills. He hopes to graduate with honors and become a wheat baron by farming with tractors.



GORDON MILGATE

CALGARY

This tall handsome young fellow hails from just outside of Calgary. Hopes to make a success of power farming, so came to Tech. to learn all about tractors.



LYALL MILGATE

CALGARY

Lyall is a reserved young gentleman with enough good common sense to know that popularity or respect is not gained by rowdiness. His conduct is a worthy example for other young men of his age to follow.



LLOYD MILLER

WARNER

Lloyd comes from Warner. He is a "man's man." He enjoys boxing and basketball, but is also a good student. He has a diploma from the O.S.A.



BILL MACINTOSH

CHERHILL

Worked his way to Tech. and hopes to get a job when he is through. Shows outstanding ability in designing and in the use of tools. He is bound to succeed on the farm.



HECTOR MCINTYRE

BARONS

Hector is one of Tech's. best students. He is always industrious and shows keen interest in his work. Participated actively in all sports.



ELDON MCKENZIE

WARNER

Eldon is a fluent speaker and likes debating or any form of argument. We have great hopes for our Eldon at Parliament.



FRANK NELSON

WARNER

Frank was class representative before Christmas and took an active part in all class activities. His biggest hope is to go for a ride in a certain Dodge car.

FARM CONSTRUCTION



TERRY OLDFORD

REDDEER

Since Christmas, Terry has been class representative. Terry expects to run his farm on knowledge gained in Tech. He is interested in music.



F. P. PAHARA

LETHBRIDGE

Johnny, the Tech. boxing instructor, and a favorite among all who know him, may always be seen teasing someone with his pugilistic efforts. Johnny says, "Tall blondes for me, boys."



W. N. PARTRIDGE

HAZLET SASK.

A handsome young fellow liked by everyone, and who hopes to be successful on his farm. His hobbies; writing letters and skating with girls.



JIM POW

CALGARY

Just a young Scotchman who hails from Belfast (Calgary) spending his vacation at Tech. Future — Due to his experience in operating lantern slides, he will probably receive a job in Hollywood, on the recommendation of Mr. Easterbrook. Hot stuff! Aye Scotty.



MACK PRENTISS

GRANDE PRAIRIE

Blew in from the North. Favorite hobby — balancing his budget. He is well liked by everyone, except for his pipe, which is recognized by all.



ALFRED SCHMIDT

CONSUL, SASK.

He is a quiet sort of fellow, usually on the job. Is a born farmer and is fast becoming a trained mechanic. Is a most agreeable chap.



JACK SHAW

AIRDRIE

Takes a back seat in position but not in progress, precision or perseverance. His motto: "Get wisdom, get knowledge, get understanding."



HARRY SHIERMAN

KATHYRN

Harry's pleasant disposition makes him a very popular member of the Farm Construction group. He is a valuable player on the Tech. hockey team.



FLOYD STANNARD

LOMOND

His childhood was spent hunting gophers in the South. At Tech. he uses his superior hunting knowledge to single out the prettiest girls. Hobbies are, welding links, boxing, and dancing.



JOE WIENERS

DELACOUR

Another stubble-jumper from Delacour, in for a vacation at Tech. Ambition—a blonde at the Athletic Skating Rink.



MORLEY WIENERS

DELACOUR

Known to all as the one with the white hat and cream jacket. His ambition is to become a mechanic. His one redeeming feature is that he looks like his brother.



K. L. YOUNGGREN

CHINOOK

Originally from Saskatoon, he now lives at Chinook, Alberta. Mr. Younggren hopes to make good use of his Farm Construction course by running a place of his own some day.

EVENING CLASSES

THE evening classes of the Institute have been an important part of its work during most of its existence. These classes offer the physical equipment of the buildings and the technical equipment of the staff for the use of people who are unable to attend for instruction during the day.

The primary purpose of evening classes in technology is to balance the *techné*, or art, with the *logos*, or science—to give the “practical” man some basic science and the “theoretical” man some basic practice. Apprentices and other learners have always derived great benefit from this complementary work. By means of these classes, some men who have been confined to one narrow phase of their work are enabled to get broader knowledge and experience and thus become more generally useful; other men who have changed jobs too often to know any part of their work thoroughly, get an opportunity to study some fundamental things intensively and thus make themselves more efficient. Evening classes have, therefore, great value as a supplement to industrial experience.

The classes are also attended by some people who desire to change their present occupation. They are enabled to get an insight into the requirements of another line of work and consider their fitness for it.

Some people attend evening classes for their recreational value and for the means they present for gaining information or skill that may be used in following hobbies or other avocational activities.

Each of the purposes mentioned is met by one or more of the classes in operation this year—some of the classes meeting several needs. Practical shop experience has been offered in aeroplane construction, automobile work, machine shop work, welding, dressmaking, mechanical drafting, showcard writing, freehand drawing and painting, and elementary arts and crafts. Lectures and demonstrations have been given in oil chemistry, aeronautics, auto mechanics, radio work, and photography.

Two hundred and thirty-five people have taken advantage of the classes: most of them attended two nights a week for two hours each night during five months. This sustained interest in technological instruction provides largely for a better individual adjustment to life and represents a valuable service in the promotion of general efficiency in the community.

L. H. BENNETT,

Director of Evening Classes.

BOOKS

HALLAM did not exaggerate when he called the “art of printing from movable type the most important discovery in the annals of mankind.” Books form such an important factor in our lives, exert such a powerful influence for good or evil, that it is impossible to imagine the condition of society without them. So important is the subject that we will risk the commonplace and deal with a topic which has intrigued the pens of Bacon, Macaulay, Carlyle, and Ruskin. As space prohibits an exhaustive study of literature, we will be content to state a few thoughts which may be of assistance in the selection of good fiction.

The primary purpose of fiction is to entertain. It follows, therefore, without discounting the value of the intellectual and artistic qualities, that the emotional qualities of a novel are of first importance. It is for us to determine what emotional qualities are desirable in fiction.

No novel is good unless it does good. Regardless of brilliant style, balanced phrases, choice diction, or perfect rhetoric, a book is bad if it is subversive of morals, or if it portrays evil in alluring colors. No novel is truly great unless it stirs the imagination and instills thoughts and emotions worth entertaining. This is the first and surest test of fiction.

Too many of us enjoy books only if they are light and giddy. It is true that a book is usually more pleasing if it leaves an impression of sunshine than if it breathes the gloomy atmosphere of the tomb. This does not mean, however, that melancholy thoughts may not sometimes be very beautiful. In good fiction the “goddess sage and holy” goes hand in hand with the “goddess fair and free.”

For every good, worth-while novel there are many that are bad, shoddy, and worthless. We must, therefore, train ourselves to reject the dross and select only the pure good of our literature. It is only by recognition and appreciation of the best in our language that we can hope to attain a higher standard of literary excellence.

OUR ADVERTISERS

AGAIN we have been fortunate in securing advertisements from most reliable firms — firms with a reputation second to none. We feel that by this section we are accomplishing a twofold service. We offer a service to our advertisers in bringing their products to the attention of a large body of students; and secondly we inform these students where they can buy with confidence. Aside from this, a large fraction of the cost of this publication is defrayed due to the continued good-will of these firms. They made it possible for us to produce a bigger and better book for your enjoyment. We ask you therefore, to list these names in your minds, and resolve to support the firms who have contributed to the success of this book. Let these advertisements be your guiding stars when you buy.

OTHER DEPARTMENTS



BUILDING CONSTRUCTION - CERAMICS
DIESEL ENGINEERING
WELDING - GENERAL SHOP
MACHINE SHOP - MECHANICAL DRAFTING



GENERAL SHOP

BUILDING CONSTRUCTION 1



WALTER BARRY

CALGARY

This pleasant pedagogue is the Editor-in-Chief of the Year Book. Barry gives freely of his time to Tech. activities, including carrying on lengthy discussions with his instructors on improbable possibilities relating to shop experience.



HAROLD CASSAN ROCKY MOUNTAIN HOUSE

"Cass" graduated in Art last year and this subject is still his "first love." He is the Art Editor of the Year Book. Harold is known by his ability to tell a story.



GRAEME HOWARTH

CALGARY

Started General Shop in January but learned fast. He is a teacher of four years standing. While eligible and much sought after, Graeme intends to remain a bachelor.



GORDON SMITH

SEDALIA

A hard-working, industrious member of the General Shop Class, who participates in all sports. Although a teacher of two years' standing, Gordon still has interests on the Normal side of the building.



BILL SPARLING

CALGARY

Our Year Book stenographer is convinced that teaching is the ideal life. Bill Normalled in 1935-36 and taught in the Peace River District. Lately has found a new interest in Art.



JOHN TUSKEY

CALGARY

John came from Tech. from "Western" and is an expert workman. He intends to "Normal" next year but at present his chief interest is in the Dressmaking Department.



CLAYTON DARKE

WEST SUMMERLAND, B.C.

Clayton hails from the far off Okanagan. His interests are connected with St. Barnabas Church. His main ambition is to live to see at least two houses in West Summerland.



ERNEST KVARNBERG

THORSBY

Ernie is interested in sports. He dislikes smoking and drinking. Ambition—to become an architect. Music is his hobby. He is a quiet reliable lad who came to Tech. directly from high school.



SINCLAIR McDONALD

CALGARY

"Sine" is active in hockey and rugby. He specializes in dancing and photography. Desires to become a building contractor. His favorite expression is, "You want to know?"



DOUG PETRIE

LETHBRIDGE

Through hard work and ability Doug has become a good draftsman. His ambition is to modernize Lethbridge. This may prove difficult but we wish you every success Doug.



LLOYD WALLACE

LACOMBE

Lloyd returned to Calgary after spending six years at Lacombe. He took over a good position with a contracting outfit. His quiet but forceful manner is bound to bring success.



JIM WHITHAM

EDMONTON

Jim's pet aversion is his moustache. He is interested in sports and likes dancing. Divides his time between Edmonton and Calgary.

BUILDING CONSTRUCTION 2

MECHANICAL DRAFTING 2



JACK BUNDY

COWLEY

Jack is President of the Choral Society, and cartoonist for the Emery Weal. He will long be remembered as the wit of the Building Construction group. Jack is keenly interested in dramatics.



GEORGE LEDREW

EDMONTON

Is our Year Book Manager. He hopes some day to earn his own living in the building line. His chief interests, however, are in the "Hat."



MARSHALL MURRAY

LETHBRIDGE

The demand for better trained men in the building industry will be filled when Marshall graduates. We expect him to do great things.



KEN VINE

CALGARY

Ken was born and brought up in Calgary. Hockey is his favorite sport. He is always willing to help his classmates. Ken has a mania for seconding motions at the business meetings.

MECHANICAL DRAFTING 1



JOE HARDY

CALGARY

Active in the young Peoples' Association. Occasionally plays badminton. Keeps fit by riding a "push" bike. Spent three years in a foundry but escaped to take up drafting.



ALBERT HAYNES

CALGARY

Came from the Midlands of England. Devoted worker for Scout Toy Shop. Mild tempered except when his ruling pen fails to run. Likes to "razz" surveyors embarking on field work on cold days.



BILL ROLSTON

CALGARY

Bill was born in 1916 at Stavely, but moved to Calgary six years later. He hopes to become a professional Draftsman. Sports of all kinds interest Bill.

SURVEY DRAFTING 1



HENRY ANDERSON

ALBRIGHT

"Hank" is the brains of the Survey Class. He spent the last four years on a survey party. A quiet fellow who says little but thinks a lot. Favorite pastime—baseball.



GEORGE GILES

BROOKS

George hails from the irrigation district. He is interested in his course and spends most of his evenings battling with Math.



GEORGE McNEILL

MEDICINE HAT

"Pickie's" chief ambition is to find a girl who is a good cook. We are sure Pickie will go far in surveying.



HERBY SOUTHWOOD

CALGARY

"Herb's" ambition is to get married. He spends most of his time looking for the right girl. We wish you luck, Herby.



JOHN TIMS

CALGARY

John possesses a charming personality and creates an air of friendliness in all his personal contacts. He is a willing worker and is bound to succeed in any undertaking.

MACHINE SHOP 1



HENRY BOSS

BYEMOOR

Henry is a dark curly-haired youth who likes bright socks and bright ladies. Is an ardent hockey fan. His big ambition: to learn to play centre for the Composite hockey team. Main aversion—Shaw.



BILL CLARK

CALGARY

Bill Clark, better known as Willie, is well liked and a friend of all. Favorite saying is, "Ain't she a beauty." His ambition is to pass before he reaches the old age of twenty.



ARNOLD MONSON

CALGARY

A quiet studious chap who never asks questions unless he knows the answers, and he knows them all. His main ambition is to ask a question the teachers can't answer. His only activity is going to church.



CECIL SHAW

REVELSTOKE, B.C.

Known as "Cy." Is industrious and very quiet. He is the life of the Composite hockey team. His main ambition is to own a large machine shop. Has a favorite saying of, "Watch your man."



ALF. SHIPLEY

CALGARY

A local product who never leaves the hill except for free hockey games. Is always reminding the players of the next game. He blushes at the mildest of jokes.



GEORGE VINCENT

NORDEGG

George's main ambition is to play ten musical instruments. The class he likes best is drafting, on Wednesday afternoon. It is rather interesting, isn't it George?



JIM WIGHT

CALGARY

Jim was born in Calgary and has remained here. He came to Tech. after five years of high school. He played on the Tech. basketball team, and was a stalwart of the Composite basketball and hockey teams. Ambition — to return next year.

MACHINE SHOP 2



R. L. BUTCHART

NEW DENVER, B.C.

A popular lad commonly known as "Butch" who blows a mean trumpet in the orchestra. He is a very reliable and competent chap. He hopes to become a notable machinist.



JACK DAVIES

LLOYDMINSTER

Jack gave up farming to come to Tech., hoping for a future in machine work. He possesses an amiable personality which should help him to reach his goal as a shop superintendent.



K. T. MACKINNON

ESTON, SASK.

Speed and accuracy is his motto. He was promoted to first fiddle in the orchestra, because he swings a wicked bow. He dislikes wine, women, and dances. Ambition—to be his home town blacksmith.



CLAUDE ROBERTS

WOOLFORD

Claude excels as a leader of community singing and is the main cog in the "Composite Trio." He is a valuable member of the Tech. basketball team. Claude is an A-1 magician.



HENRY VERKERK

FERNIE, B.C.

Commonly known as "Dutch." Activities: Chairman of the Banquet Committee, President of the Basketball and Badminton Clubs, Class Representative of the Composite group. Dutch plays his harmonica and sings at the Lits.



R. W. WALLS

BANFF

Better known as "Pop." He is another of the representatives from Banff. He is interested in all school activities but excels in winter sports. He hopes to become a Steam Engineer.

TICKLISH TOPIC

HAYNES: "Say, if I had a moustache like that I would cut it off."

WHITMANS (Winner of moustache competition): "Listen, wise guy, its like this: I had a face something like yours and I couldn't cut it off, so I grew this to cover it up."

MEN'S BASKETBALL



BACK ROW—A. Gough, Centre. MIDDLE ROW—H. Anderson, Guard; J. Roberts, Forward; W. Jensen, Forward; C. A. Choate, Manager and Staff Representative; A. Stewart, Centre; J. Wight, Guard; V. Dams, Forward. FRONT ROW—H. Verkerk, Guard and Captain; C. Roberts, Guard; L. Peta, Forward.

MEN'S BASKETBALL

THE basketball season got off to a good start but Tech. had the same old barrier with which to contend. Each year, on very short notice, Coach Art Alexander, must gather together the basketball talent of the school and weld them into a team. Only one week after the organization meeting, Tech. was playing its first game in the Men's Senior City League.

Although the Tech. team started at the bottom, by strenuous practice they succeeded in winning the last two games of the six played in this league. The last was against the previously undefeated Y.M.C.A. team.

During the time which elapsed between the close of the league and the play-offs, Tech. defeated the Olds Agricultural School at Olds, and the "Adanaes," a local team, at Tech.

There was much consultation regarding the advisability of amalgamating with the Normal School team to enter the Senior play-offs. It was finally decided that we remain independent and enter the Intermediate play-offs. Whether or not this was a good move is doubtful, as Tech. was not successful in winning even a single game in the latter competition.

As many of the players on the team were First Year students Tech. will, no doubt, be able to present a much improved club next year, for it takes a season for the players to become accustomed to each other's style of play.

Much of the success of the 1938-39 basketball team is due to the able coaching by Art Alexander and to Mr. Choate's management of the team. Mention should also be made of the student body, who, although not always rooting for the winning team, gave their most loyal support.

INTER-CLASS BASKETBALL

DURING the Fall Term the Inter-Class Basketball honors went to the Composite team. They were undefeated during the entire league. Their closest rivals were the Electrics.

The Spring Term inter-class basketball is now under way. Already the Electrics have gained revenge for former defeats. They gave the Composites their first trimming of the year. This competition will be finished in play-off style with the second and third teams meeting in a "sudden death" match for the right to meet the first team in a "best of three" series.

Honorable mention should go to the Motor team. They have no "finished" players on their team but we always find them in there, fighting to the last breath.

THE "LATE" MR. SHAW

"Mistook a Normalite for a Tech. student and got paced for a 9 a.m. arrival."

Page sixty

THE DRAMATIC CLUB

THIS is the fifth consecutive year in which there has been a Dramatic Club organized at Tech. Since its inception the activities of this group have been under the able direction of Mr. F. S. Dyke.

The scenery which had served the club for the last four years was found to be beyond repair, and it was decided to replace it. This involved considerable work, but thanks to our stage manager, Einar Farvolden, we now have some excellent scenery to pass on to next year's club.

When the club was organized in October it was decided to present a three-act play. A comedy was chosen, entitled, "Broken Dishes," by Martin Flavin. Some parts proved to be very heavy and consequently it required more rehearsals than were anticipated. The final production on February tenth was very successful. It was proclaimed to be one of the most suitable plays ever staged by the club.

Three short plays, "The Man in the Bowler Hat," "What It May Come To," and "Elegant Edward" are now in rehearsal. It is planned to present these plays some evening near the end of the term.

The aim of the Dramatic Club has not been so much to provide entertainment for others as it has been to teach the club members the fundamentals of voice control, stance, timing, and other phases of the Dramatic Art.

Due to the measure of success which we have enjoyed we anticipate an increased interest in this work next year.

THE BADMINTON CLUB

President HENRY VERKERK
Secretary-Treasurer FRED FARMER

FOR the first time in the history of the Institute we were able to organize a Badminton Club. Nearly all the students who joined the club were new to the game but it was not long until most of them showed real ability. It was hoped that in the course of the year various competitions would be arranged with the Staff and the Normal School, but the other clubs were unable to get a sufficient membership. Without a doubt this club has been a gratifying success. We feel that, in the oncoming years, interest in Badminton at Tech. will be greatly increased.

A good way to relieve the monotony of any job is to think up ways of improving it.

A man is as big as the things that annoy him.

An Irishman, accused of being drunk, protested that he was sober, whereat his companion retorted: "If ye was sober, ye'd have the sinse to know ye was drunk."

DRAMATIC SOCIETY



BACK ROW—E. Farvolden, A. Calvert, F. Routledge. MIDDLE ROW—Evelyn Bentley, Maxine Schuldt, Maisie Dean, W. Caskey, Barbara Prigge, Peggy Caswell, Alma Nelson, Anne Armstrong, Ann Jusypink, R. McCune, R. Thomas, W. Sparling, A. Shapiro, F. S. Dyke (Director). SEATED—Marion Koch, G. Packer.

CHORAL SOCIETY



BACK ROW—W. Wuerfel, T. Prochnau, L. Varro, R. Thompson, L. Miller, C. Roberts, R. Hopkins, M. Torrie, J. Warren, R. Bennett, W. Duke, H. Wiebe, E. Harker, W. Tims, A. Letawsky, J. Bundy, H. Verkerk.
MIDDLE ROW—E. Bentley, H. Joberg, A. Clachrie, M. Woody, Y. Manarey, F. Larue, M. Dean, D. Hogarth, M. Schuldt, R. Ricks, M. Caswell, F. Archibald, J. Bahan. FRONT ROW—R. Hanna, E. McIntock, P. Taylor, G. Weaver, T. Rollag, Clifford Higgin (Director), B. Ostlund, E. Thomas, D. Grier, E. Dowkes, B. Hart, B. Fuller.

President J. BUNDY
Secretary W. TIMS
Librarian GERALDINE WEAVER

LATE in November, several musically enthusiastic students under the leadership of Mr. Safran, and Mr. Jones as pianist, organized our Choral Society. Mr. Safran secured for us the services of Mr. Higgin of Knox United Church as director. These gentlemen have given unstintingly to the work.

Our membership is strong in the baritone and soprano sections but we are in need of tenors and contraltos. We hope that a better balance may be struck next year.

Our activities this year have been necessarily few because of the short period for which we have been organized. We sang at one

of the weekly "Lits" in collaboration with the Symphony Orchestra of the Institute. The Banquet Committee had confidence enough in us to invite us to assist in the program which was presented in the Palliser Hotel in February. Although there is not time this season Mr. Higgin has suggested that the Choral Society undertake the performance of an operetta at an early date. Next year's group have a great deal of pleasure in store for them, and it is our only regret that it will not be ours. We hope to present a concert performance before the end of the year to show the student body just what we have learned and what we are able to do.

The whole choir wish to express appreciation to Messrs. Higgin, Safran and Jones, for the excellent leadership they have given us, and for the privilege and good fortune of having such a wonderful opportunity for musical training.

SYMPHONY ORCHESTRA



BACK ROW (left to right)—B. Hummel, R. L. Butchart, E. Dubber, M. L. Crist, A. G. Letawsky, A. Stevinson, R. Byron, T. Massing, R. Filipkowski. FRONT ROW (left to right)—J. Fowler, K. T. MacKinnon, A. Hannam, Mrs. G. B. Paynter (Director), S. Green, R. States.

THIS activity, now a tradition of the Institute, has been organized for ten years.

We wonder if the official title, "Symphony," was bestowed upon it as a stimulus to performance. Certainly the orchestra tries to reproduce the musical compositions of the masters. Under the guiding baton of Mrs. Graham B. Paynter the artists get a weekly opportunity to exercise their musical talents, and there is not one but who enjoys the practices.

At four o'clock on Thursday afternoon a succession of instruments, together with their masters, enter Room 137. Soon the room resounds with the rare harmony of saxaphones tuning to "C," while two or three trumpets limber up with arpeggios, and the violins do a little solo work. The horns and the gobsticks also contribute their share to the warming-up exercises. In a short time, however, there is a hush, and on the count of "two" the music of "The

Trumpeter" breaks forth. The Symphony Orchestra does this number splendidly.

Each new selection is an exciting adventure. There is nothing to equal the thrill of having created beautiful music, except perhaps the re-action to running out of the notes before the selection is completed, or of coming in at the wrong moment when one is heard most plainly.

And so an hour and a half passes all too quickly. The members of the group pack up their instruments and leave, usually feeling inspired.

This year the Symphony Orchestra entertained at one of the Literary meetings. The members also assisted with the program at the Banquet, and supplied the intermission music at the play which was presented by the Dramatic Club. We feel that the school has enjoyed our performances and this is in itself a rich reward for our hours of fun and work.

HOCKEY



BACK ROW—D. Gibb, Defence; H. Southwood, Defence; F. Fennessey, Forward; H. Sherman, Forward; H. Houghton, Goal; K. Tallman, Forward; W. Downey, Forward; W. Goodwin, Utility; R. Smith, Referee. FRONT ROW — M. O. Julson, Staff Representative; H. Ramey, Defence; K. Clayton, Forward; H. Spaeth, Coach; C. Sortome, Forward; W. Hammond, Forward; R. Thomas, Defence; S. A. Nelson, Staff Representative.

THIS year, as in previous years, Tech. had a hockey team of which it might well be proud. Under the coaching of Howard Spaeth the team rapidly developed into a fast-breaking, hard-checking, goal-getting machine.

Although organized too late to enter the City League the team played numerous games, with Airdrie, Carstairs, Normal, Hillhurst, Crescent Heights, Tuxedo, and Inglewood. In very few cases was our team defeated.

The first string forward line consisting of Sortome, Tallman and Hammond, may well be termed "the kid line of Tech." Ramey, although not of enormous stature, handed out body checks comparable to those of Eddie Shore. Much credit must go to "Peck" Houghton who was outstanding in the nets and was largely responsible for many of the team's victories.

Page sixty-four

INTER-CLASS HOCKEY

THE inter-class hockey title was won by Aero 2. Considerable interest was shown in the league where ten teams were contending for the honors. Keen competition was evidenced in all the games.

In the semi-final round of the play-offs the Tractor team eliminated the Composites and Aero 2 eliminated Farm Construction. The Aero team then defeated Tractors by two consecutive shut-outs. During the play-offs the Aeros scored four shut-outs, having twenty-one goals to their credit, but not a single tally against them.

After the play-offs many aggregations of all-stars tried in vain to defeat the smooth-working Aero team. This friendly rivalry added interest to school hockey. We hope to see more of it next year.

TUMBLING, WRESTLING AND BOXING



BACK ROW—W. MacCallum, D. Boyd, H. Verkerk. THIRD ROW—A. Cambella, N. Pennock, V. Earle, W. Parker, A. Kolafa, L. Miller, A. Letawsky, E. Brocklebank, R. Larsen, W. Duke, R. Thomas. SECOND ROW—R. Milan, C. Carroll, N. Lindsay, G. Rowley, G. Smith, J. Tait, W. Tims, L. Harker, V. Calder. FRONT ROW—F. Routledge, J. Pahara, D. Lineham, L. Peta, K. Tallman, R. States, H. Lund, D. Birley.

THE Friday evening gym. classes have been very well attended throughout the term, although perhaps a few more students might have taken part.

Under the instruction of Neil Lindsay muscles have been built into brawn and sinew; erstwhile awkward lads have developed agility comparable to that of mountain goats; and men with flat chests have been converted into veritable Appollos and Samsons. At least one lad has had to buy larger collars since he started the gym. work.

An excellent assortment of boxing talent has been training under the instruction of John Pahara. We point with pride to the fact that a Tech. lad, Gordon Rawleigh, holds the Provincial Heavyweight Championship, Novice Class.

The wrestling art is the most popular with the students, judging by the enthusiasm with which they try locks, holds and counters.

A plan of action in gym. work has been in operation since January and several stunts with the spring board and horse have been polished to near perfection. We hope that a spectacular display will be presented by the tumblers for the benefit of the student body in the near future.

What could be better in the way of all-around exercise than an evening in the gym. with a cold shower to top it off? If two evenings each week could be made available for these sports their benefit would be greatly increased. We hope that next year's group will be more fortunate in this respect.

GIRLS' BASKETBALL



BACK ROW—H. Verkerk, Coach; Ann Holowaychuk; Margaret Thornton; Miss Veenendaal, Staff Representative; Alice Showalter; Beth Fortune; A. Stewart, Coach. MIDDLE ROW—Esther Helton, Jessica Evans, Evelyn Gustavsen. FRONT ROW—Kathleen Keir, Melesse Glazier, Peggy Craig.

EACH year Tech. experiences some difficulty in building a ladies' basketball team, due to the fact that the enrollment in the ladies' classes is comparatively small. This year was no exception. It required all the practice time previous to the Christmas holidays for "Dutch" Verkerk and Allen Stewart to coach the ladies in the rudiments of the game, as many of the players were novices at basketball. It required patient work on the part of the coaches to develop the team play which is an essential of successful competition.

Tuesday evenings and Friday noon hours were devoted to this problem.

After Christmas, several games were played. Although the team was not successful in breaking into the winning column, the improvement which they have shown was gratifying to those in charge. It is hoped that this team will form the nucleus around which a better team will be developed next year.

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1. "Sno-fun." 2. Woody wails, "What's a game unless you nick an Aero for a nickel." 3. On looking up. 4. Beautiful but dumb.
5. "Oil's well" with the Chemistry Club. 6. "Emery Weal" gets overhauled in the Motor shop. 7. Slipping in late for "late slips." 8. Riep, you rascal. 9. Milk for "Rosie" cheeks. 10. Composite Trio, "Yeh, Tech." 11. Coleman's Cruiser Carriage, de luxe, 16-passenger with hand grips for more, air-conditioned. Stops at all points to clean the gas line. 12. A matched pair—"Smile on me, Lady Luck, Smile, I need that penny for a sucker."
13. Inter-class clashes. 14. Candidly, Craig catches candid camera.

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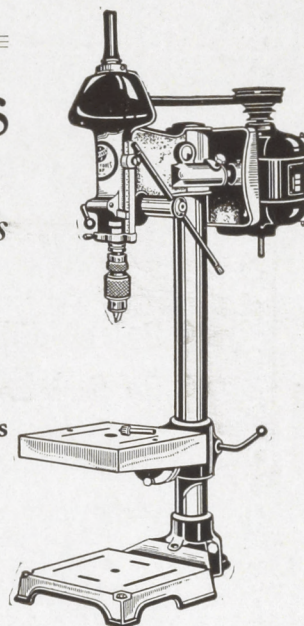
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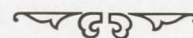
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GOING DOWN

BY M. PLADYCHUK

THE Great Human Fly was slowly ascending the side of the skyscraper. As he reached the fortieth floor he heard cries of alarm and looking down he beheld a drunk almost directly behind him. "Get back there, you fool," he yelled. "You can't do this trick!"

The drunk merely laughed at him.

The Great Human Fly shrugged his shoulders and continued on. Up he went past the fiftieth, past the sixtieth story, until he reached the top. He climbed over the parapet and sank exhausted on the roof. Then he felt something heavy fall on top of him and discovered it was the drunk who had followed him.

His professional jealousy was aroused. The drunk grinned, "I c'n do anything you can do."

The Great Human Fly sneered and laughed, "Oh, Yeah?" he cried. "Well, let's see you do this."

With a leap he cleared the parapet and opening his parachute, floated toward the ground. Halfway down he heard a chorus of shrieks and looking up he saw the drunk coming after him. As he passed him, the drunk yelled, "Sissy."

"It's a great kindness to trust people with a secret. They feel so important while telling it."

—Robert Quillen.

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FAITH AND WORKS

Sir Walter Scott relates that once he encountered a ferryman on one of the firths of Scotland who chose a simple but most graphic method of teaching a great truth.

Scott noticed that the ferryman had two oars, one marked with the word, "Faith," and the other, "Works." He asked what that was for.

"I'll show you," replied the boatman. He picked up the single oar, "Faith," and started to row, but the boat only turned round and round. He then tried both oars together and the boat went straight ahead.

No further explanation was necessary.

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ALCHEMY OF WOMAN

In the original Sanskrit, the creation of woman by Twasktrie, the Vulcan of Hindu Mythology, is described as follows: "He took the lightness of the leaf and the glance of the fawn, the gaiety of the sun's rays and the tears of the mist, the constancy of the wind and the timidity of the hare, the vanity of the peacock and the softness of the down of the swallow. He added the harshness of the diamond, the sweet flavor of honey, the cruelty of the tiger, the warmth of fire and the chill of snow. He added the chatter of the jay and the cooing of the turtle dove. He melted all this and formed a woman. Then he made a present of her to man."

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NAPOLEON

Napoleon saw clearly that it was the lack of knowledge of *how* to work that wears a man out, not the work itself. Fatigue comes because the process of thinking is unorganized. Uncontrolled minds leap from one topic to another, scattering both energy and attention. In this, his own manner of thinking varied from that of most men. He liked to compare the mechanism of thinking with the methodical arrangement of an office cabinet where all matters are filed away in their respective drawers. "If I decide to dismiss one matter from my attention, I simply shut that particular drawer and open the next one. Thus the contents never become confused and the mind is free from worry and fatigue. If I wish to relax in sleep I simply shut all the drawers." Thus, he was master of his thoughts and had them in complete subordination. He managed his thoughts with the same directness as he handled his troops. He could mobilize his entire attention instantaneously in order to penetrate into the heart of a problem. Having made a decision, he dismissed it from his mind and passed on to the next without giving the former any further thought.

—Boris Sokoloff

THAT SETTLED IT

LANDLADY: "Can't you at least pay the interest on your bill?"

TECH. STUDENT: "It isn't to my interest to pay the principal, and it isn't my principle to pay the interest."

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CHEMISTRY CLUB

FALL TERM

MR. CROWDER President
MR. HILLER Vice-President
ANNE JUSYPINK Secretary

WINTER TERM

MR. STEVENSON President
MR. HEGI Vice-President
R. HANNA Secretary

AS an extra-curricular activity the Chemistry Club offered much valuable supplementary knowledge. Although only in its second year of organization the membership neared the one hundred mark.

Of the many talks and field trips, a tour of the Royal Crown Soap factory was outstanding. The manufacture of soap and its by-products was ably explained by employees of the plant. The first of a series of talks to the organization was an illustrated lecture on oil processing by a representative of the Lion Oil Company. Burns and Company sponsored a talk on "Fats" for the benefit of the club. The Executive organized a visit to the Liquid Air plant, where the properties of liquid air were explained and demonstrated.

Mr. Young, Assistant City Chemist, kindly consented to present a lecture on "Purification of City Water Supplies." Lantern slides were used to aid in this explanation. Mr. Young demonstrated the purification of Calgary's water supply by filtration and chlorination, and also the growth and multiplication of bacteria.

Mr. Ward, a representative of the Trail Smelting Company, showed films on "The Trail Smelter," and followed this with a film on "Sugar-Beet Growing in Southern Alberta."

Throughout the year the club meetings have held the interest of the members, a fact evidenced by the large attendances. Practical knowledge gained from tours of various industrial plants, lectures, or films, is linked with the Chemistry theory taught in the regular classes.

Don't worry if your job is small
And your rewards are few;
Remember that the mighty oak
Was once a nut like you.

INTER-SCHOOL CHRISTIAN FELLOWSHIP

THE Inter-School Christian Fellowship is an association of groups of Christian students in schools and universities, who desire to make Christianity significant and vital to students.

The local group was first organized in the Spring of 1937. This year an early start was made in the Fall Term. Regular meetings were held every Tuesday after school. Weekly discussions dealt with the Book of Romans. Special speakers were invited on several occasions and thus many profitable hours were spent.

THE SPIRIT OF THE INSTITUTE

"Still o'er these scenes my memory wakes,
And fondly broods with miser care;
Time but the impression deeper makes,
As streams their channels deeper wear."

ALTHOUGH these words were written many years before this Institute was established they accurately interpret the impressions of a Tech. student as he reflects on the happy days spent here — days and pleasant memories which we hope this book will help you to recall.

In every school, college or institute worthy of the name there is a certain intangible something which binds the student body together, gives them common interests, instills a spirit of co-operation, and above all fosters a just pride in being members of the institution. It may be called loyalty to the school; it may be called love of the Alma Mater. Here we call it, "The Spirit of the Institute." We feel that this spirit pervades every intra-curricular and extra-curricular activity at Tech. We know that Tech. students live under this spirit while here. We hope that they carry its influence with them when they leave.

If such loyalty is to survive it must be built upon some solid basis. Here that foundation is service. We enter this school with the intention of obtaining theoretical knowledge and technical skill in a chosen field of work. We leave, secure in the knowledge that we have received the necessary preliminary training which will enable us to lead useful lives.

Nowhere is the Tech. spirit better exemplified than in the relations between the Staff and the students. A feeling of good-fellowship exists between the two groups. We look upon the instructors as friends. Nevertheless they are able to command the utmost respect of the student body and efficiently direct its activities. This is an arrangement which approaches the ideal in instructor-and-student relations. We will leave Tech. feeling that the Staff has an interest in our work and in our welfare which is more than feigned.

It is "The Spirit of the Institute" which makes us rise with a "Yeh Tech." at our sports events. It teaches us that "It is not the prize but the game that matters."

We hope that this influence will be carried far beyond the grounds of the Institute. We hope that co-operation will become an integral part of our lives. Surely we have learned the value of good sportsmanship, industry, and "stick-to-itiveness." We have been taught that precision and perseverance are essential units in the march of progress.

CATHOLIC STUDENTS' STUDY CLUB

THIS year there was organized for the first time, a Study Club for Catholic students attending the institute. The meetings were under the direction of Rev. Father B. Holland, of the Cathedral staff. Wednesday evenings for a period of over ten weeks were devoted to the study of questions of the day in the light of the teachings of the church. The delightful evenings spent in study and recreation attest to the popularity of this venture. Sincere appreciation is due to those who contributed to the success of these meetings.

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On this scale it would require forty-nine years to enable our generation to give up the habits of wandering hunters and settle down to till the soil, domesticate animals, and weave garments. Six months later, or half way through the fiftieth year, they would have invented writing. For only two months would our generation be living under the blessings of Christianity; the printing press would be only a fortnight old and for only two or three days would they have been travelling on railroad trains. Within the last few hours they would have learned to fly. Only a week ago they were burning and burying alive those who differed from the ruling party in the matters of salvation.

—James Harvey Robinson

DUTCH: "What kept you out of school yesterday, acute indigestion?"

BUTCH: "No, a cute dressmaker."

PROSPECTIVE TENANT: "Yes, it is a very nice little apartment, but I don't see any bath."

LANDLADY: "Oh, pardon me! I thought you were another of these Tech. students who wanted a place just for the winter."

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CASSAN: "Well, when the metal burns I know I've just passed it."

* * * *

INSTRUCTOR: "Coleman, would you mind not whistling? You see I am deaf in only one ear."

* * * *

Anyone can plant radishes but it takes courage to plant acorns and wait for the oaks.

IT PROBABLY BLEW UP IN THE MIDDLE OF THE THIRD ROUND

The darkey fireman had to go to work at the sawmill an hour before starting time, so that he would have the steam pressure up when the Engineer arrived, which was five minutes before starting time. On this particular morning when the Engineer came in, he noticed only ten pounds steam pressure registered on the gauge. In a rage, he shouted, "You nigger, what do you mean by having only ten pounds of steam when you know we have to start the engine in another five minutes." The darkey grinned broadly, thinking he had one on the boss, and blithely informed him, "Why boss, that's the second time that there pointer has gwine around, since ah tied a weight on the safety valve."

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RESULTS

For nearly a week Smithers and his wife had not been on speaking terms. Soon one of the neighbors got to know about it and on the same afternoon she called on Mrs. Smithers.

"What is the trouble about, dear?" she asked.

Mrs. Smithers looked tearful.

"John is such a beast," she replied. "He promised me a big surprise if I learned to cook, and so I took a course at the Institute of Technology and Art."

"I see," nodded her friend, "and didn't he keep his promise and give you a big surprise?"

Mrs. Smithers dabbed her eyes with her handkerchief.

"Yes," she said. "He fired the cook."

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GILES: "Did you see the show at the Grand this week?"

SOUTHWOOD: "No, I went with my girl."

* * *
A Sultan at odds with his harem,
Just thought of a good plan to scare 'em.
He caught a live mouse,
Which he freed in the house,
And thus was the first Harum Searum.
* * *

MR. BENNETT: "What is this room without any roof,"

LEDREW: "Oh, that is the bathroom. We're expecting frequent
local showers."

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YOU CAN'T HIDE IT

Uncle Sanky went into town one day with a wagonload of watermelons and took his boy, Dillard, along. When they got into town Uncle Sanky said, “I must go into the hardware store for a while, so you sit here and watch the watermelons. If any body comes along just keep your mouth shut and they won’t find out how dumb you are.”

While Uncle Sanky was gone a couple of ladies came by and asked Dillard how much the watermelons were. Dillard sat there and didn’t open his mouth. The lady repeated the question but still Dillard said nothing. The lady said to her friend, “The poor boy must be awfully dumb,” and they continued on their way.

After a while Uncle Sanky returned and said, “Well, Dillard, how did you make out.” Dillard replied, “Paw, I did just what you told me but they found out anyway.”

EPITAPH

He walked on the suicide of the street.

* * * *

Give your hobby horse his head! Let him run away with you if he will! He may bring you face to face with bigger talent than you dreamed of owning. In a recent book, “*Hobbies For Every-body*,” edited by Ruth Lampland, one reads over and over the stories of people who thus found themselves when carried away by their hobbies.

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FAIRY FIBBLES

BY HAROLD CASSAN

ONCE upon a time in a large brick school on a great big hill overlooking a cow-town there was called an assembly of students. As the boys and girls crowded eagerly into the hall they were met by members of the staff, each bearing a silver tray. How the eyes of the students shone as they espied on these trays all kinds of suckers! Some were large brown suckers wrapped in waxy gray paper; some were red; some were yellow; and there were even a few black ones. Members of the staff were saying, "Do try my suckers." You can imagine how quickly the students were saying, "Thank you, Sir." Some greedily little boys with suckers in their mouths said, "Thank you, Thir," but not in all the school was there one who failed to receive a sucker. In a surprisingly short time all the suckers were nothing but sweet memories. Then the President arose and said, "The meeting will now come to order," and the strangest part of all, every last one of the boys and girls removed the sucker stick from his or her mouth and maintained a respectful silence throughout the entire meeting.

Once upon a time at a place near and dear to all of us the balmy zephyrs of Spring wafted gently through an open window. Its fragrance and warmth so caressed a fair dressmaker who toiled there that she forgot her labors. Raising tired eyes to the Bow Valley and the hills beyond to the snow-capped Rockies she unconsciously voiced as wish, "Oh that my prince would come today." At that very moment a knock sounded at the classroom door and the teacher's voice came to her as through a fog, "Miss Brown, you are wanted at the door." Now this fitted in so neatly with her thoughts that when he caller asked her to skip classes and go for a ride she had not the slightest timidity in asking her teacher for permission to leave with her prince. There is little left to say except that the teacher was so taken in by the dressmaker's utter simplicity that she said, as though at some fairy's bidding, "Why yes, my dear, it is such a lovely day that I would feel very unhappy indeed if I did not wish you both the most pleasant afternoon of your lives."

Young people today are alike in many disrespects.

"A man of wealth is dubbed a man of worth."

—Alexander Pope

CECIL ROBINSON: "We're mixing cement, Dave, and we need a couple of shovels."

DAVE: "I have no more shovels. Tell the boys to lean on each other."

Defeat isn't bitter if you don't swallow it.

A man who watches the clock generally remains one of the hands.

SHE: "All extremely bright men are conceited."

HE: "Oh, I don't know. I'm not."

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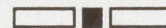
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INTUITION

The strange instinct which tells a woman she is right whether she is or not.

CAUTION

PAT VINCENT: "Could you tell us why they hung this awful picture."

BOB JOHNSON: "Sure, they couldn't catch the artist."

The lathe is sure a funny thing, a sissy if you please,
It even has an apron so you cannot see its knees.

SHIPLEY: "What hurt your hand."

WALLS: "A lathe doge bit me."

LINDSAY: "Did you hear about the shocking incident in the Electric shop?"

MASSING: "Anything serious?"

LINDSAY: "Sparling picked up a live wire."

"When some men discharge an obligation you can hear the report for miles around."

—Mark Twain

AERO: "Am I the only man you have ever kissed?"

ART: "Yes, and by far the best-looking."

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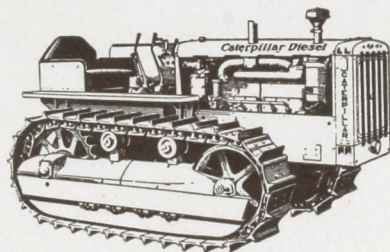
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And have a smile for friends that come to see you,
And wave a greeting as they reach the gate.

If you can see the glory of the sunset,
If you can see the tinsel's golden gleam,
And see the willow thickset silvered by the moonlight,
And drift away in dreams upon the beams.

If when you wander among trees and flowers,
You hear the songbirds as they gaily sing;
—breathe deep the fragrance that the spruce bough carries,
When fields and meadows turn so green in Spring.

If when you see a toilworn, broken mother,
You feel a sting and choking in your breast,
And give your strength to ease her heavy burden,
And have the help of him you love the best.

Then you will know the thrill and joy of living,
—be sweet and lovely as a rose in bloom,
And you shall be—indeed— a happy woman,
And be the mother in a happy home.

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